Office of the Deputy Under Secretary of Defense (Installations & Environment) Cleanup Office

Restoration Management Information System (RMIS) Data Dictionary

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August 2004

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Introduction

This Data Dictionary is based on the 2004 RMIS database, RMIS04EY. EY is the database schema used to store and report data from the end-of-year data call and used to produce the Annual Report to Congress (ARC). The Data Dictionary contains definitions and descriptions of the primary RMIS tables and the BRAC Cleanup Plan (BCP) tables. For those who need greater definition, there is a supplement to the Data Dictionary, which contains a sample BCP abstract, instructions for completing the BCP abstract, and procedures for populating calculated columns. Definitions and descriptions of BTABLES and ROLLUPS extract tables are contained in a separate document.

In fiscal year 2003, the database schemas were RMIS03MY and RMIS03EY. MY is the database schema used to store and report data from the mid-year data call. All RMIS tables are not required for the mid-year schema.

It is recognized that reporting requirements have altered the database over time. In fiscal year 2002, significant changes have occurred as a result of the DERP Management Guidance that addresses new requirements for UXO and financial liability data collection. Moreover, new primary data tables and reference tables have been added, as well as new data elements in existing tables and, in some cases, revised definitions of existing data elements. For fiscal year 2003 additional changes were made. The listing of new primary tables is summarized below:

LUC_DESCRIPTION
LUC_SITE
LUC_COST

In FY03, some data tables and elements have been addressed by the new tables or have been incorporated into existing data tables. Tables that were eliminated from the RMIS data structure are as follows:

LUC_EC
LUC_IC
BASE_REALIGNMENT_CLOSURE
REF_MAP_FILE_FORMAT

Other key changes that reflect table name changes are as follows:

RANGE_CLASSIFICATION has been renamed to MMR_SITE_CLASSIFICATION
MUNITIONS_AREA has been renamed to MMR_SITE_DESCRIPTION

For FY04, data element name additions/changes in existing tables are highlighted in red. The key tables with changes for FY04 are as follows:

LUC_DESCRIPTION
LUC_COST

The following reference table was also added for FY04:

REF_LUC_RESPONSIBILITY

Glossary and Definitions

The RMIS Data Dictionary contains many terms and abbreviations. The purpose of this glossary is to serve as a reference for all of these terms and abbreviations.

Data Type	Each column in a table is identified by the type of data it contains. These include text, numeric, and date (and time). RMIS uses the following ORACLE Data Types: VARCHAR2, NUMBER, FLOAT and DATE.
DATE	Stores dates from January 1, 4712 BC to December 31, 4712. The default format for a date column is DD-MMM-YY. Where DD represents a two-digit day, MMM defines a three-character month and YY is a two-digit year. For example, 26-MAY-98. For Y2K compliance, if there is any ambiguity, any DATE field may be displayed as DD-MMM-YYYY, where YYYY includes the century (e.g., 17-MAY-2001)
DERIVED	This Input Type describes columns that are derived from other RMIS data.
FLOAT	This Data Type stores numeric data. The decimal places are variable and may be different for each record stored in the table. A Float column has a maximum length of 126 digits including decimal places.
Foreign Key	A Foreign Key is used to establish relationships between tables and to allow the retrieval of information from another table. The data contained in a Foreign Key column is associated with data contained in another table. For example, the RMIS Installation table contains a Foreign Key column for State, RSTATE_CODE. This is a Foreign Key into the REF_STATE table. Foreign Key columns are used for validation and referential integrity. The Foreign Key may consist of more than one column.
INPUT	This column is used to define the input characteristics of the data. These include Component, Derived, or System. Each of these Input Types is defined herein.
LENGTH	This column defines the maximum length for a column in the database. Fields that use a Number Data Type may also include the number of fixed decimal places. Please refer to "Number" for additional details.
NUMBER	This Data Type stores numeric data. The length and number of decimal places are defined as numeric values separated by a comma. For example, Number (8,3) would define a number field with a length of 8 and 3 decimal places. If no decimal places are required, then the length defines an integer value with no decimal places.
PK/FK	This column within the data dictionary documentation defines fields that are part of Primary Keys (PK), Foreign Keys (FK) or both.
Primary Key	The primary key is a column or set of columns that uniquely identify each record stored in a table. Once you designate a primary key for a table, the database will automatically prevent any duplicate or NULL values from being entered in the primary key columns. Primary keys also ensure referential integrity.
Referential Integrity	Either built-in or programmable routines that prevent a record in a data table from being deleted or updated if it is referred to by a record in an associated table.
Component	This Input Type identifies columns that are submitted by the Components.
RMISxxEY	This is the database schema used to store and report data from the end-of-year data call and used to produce the Annual Report to Congress. Also referred to, herein, as "EY."

RMISxxMY   This is the database schema used to store and report data from the mid-year data call. Note that all tables are not required for the mid-year schema. Also referred to, herein, as "MY."

SCHEMA   A separate database within the RMIS instance. There are two for each year. For Fiscal Year 1999, there are RMIS99MY and RMIS9EY.

SYSTEM   This Input Type identifies columns that are automatically system generated. For example, CREATED_DATE and UPDATED_DATE.

VARCHAR2   This Data Type stores variable length character (text) data, with a maximum size of 2,000 characters. Field size must be specified.

RMIS Primary Tables

INSTALLATION Table

DESCRIPTION: The INSTALLATION table identifies installations/properties and the Component and Restoration Program to which the installations/properties belong. INSTALLATION is the core table of the RMIS database. The FFID column is included in all primary and foreign keys, except for reference tables. **If an FFID is not defined in this table, records cannot be added to the other RMIS data tables.**

PRIMARY KEY:
Primary Key Columns: **FFID, RSERVICE_CODE**

FOREIGN KEY:
Referenced Table: **REF_BRAC_ROUND**
Foreign Key Columns: **RBRAC_ROUND**
Referenced Table: **REF_COMMAND**
Foreign Key Columns: **RCOMMAND_CODE, RSERVICE_CODE**
Referenced Table: **REF_NPL_STATUS**
Foreign Key Columns: **RNPL_STATUS_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **REF_FIVE_YEAR_REVIEW**
Foreign Key Columns: **FIVE_YEAR_REVIEW**

SCHEMA: MY and EY

INSTALLATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK	14	Component	The Federal Facility Identification (FFID) number. The FFID is a unique identifier, assigned to an installation/property in RMIS. The 14-character aggregate string is used in RMIS as the key column for each data table and is used to track all associated records for each installation. The FFID data string is composed of four columns in the following order: **The state/territory/political unit** - An alphanumeric code that identifies the state or territory in which the installation is located. This code occupies the first two characters of the FFID and usually consists of the standard U.S. Post Office abbreviation. (See REF_STATE table) **The EPA Region number** - This code identifies the EPA region in which the installation is located, or the EPA region administratively responsible for conducting or overseeing response activity at the installation. This code occupies the third character of the FFID. **Service/agency component and major command code** - This code uniquely identifies the Service or agency that has primary responsibility for an installation. The code occupies the 4th-7th characters in the FFID. (X = Service defined) Service — Code U.S. Army — 21XX U.S. Navy — 17XX U.S. Air Force — 57XX Defense Logistics Agency (DLA) — 9715 Defense Threat Reduction Agency (DTRA) — 9714 Formerly Used Defense Sites (FUDS) — 9799 **The Property number** – This number is assigned by the General Services Administration (GSA) for an installation. This code occupies the final seven characters of the FFID. If FFIDs with only 12 characters are provided, RMIS will add zeros for the 13th and 14th characters.
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
INST_NAME	VARCHAR2		50	Component	The name of an installation/property. An installation/property is a physical entity, used and maintained by a Component of the Department of Defense (DoD) consisting of one or more of the following types of real property: a building, structure, utility system, some types of equipment, lands, pavement improvements, and appurtenances. The location is listed first. For example: Pensacola PWC rather than PWC Pensacola.

INSTALLATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
RBRAC_ROUND	VARCHAR2	FK	4	Component	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is used. (See REF_BRAC_ROUND table)
PROGRAM	VARCHAR2		4	Derived	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are considered as 'BRAC'. Installations may have sites that are both DERA and BRAC and this flag is set to 'BOTH' for these installations.
INST_ADDRESS1	VARCHAR2		60	Component	The office mailing address for the installation's DERP point of contact. For FUDS installations, the mailing address for the responsible U.S Army Corps of Engineers district point of contact is given.
INST_ADDRESS2	VARCHAR2		40	Component	Continuation of address, as needed
RCOMMAND_CODE	VARCHAR2	FK	7	Component	The command code for the major command of the installation/property. Major commands are major subdivisions of the Components that are assigned major roles of a Component's mission and directly subordinate to their respective headquarters. (See REF_COMMAND table)
RNPL_STATUS_CODE	VARCHAR2	FK	1	Component	A code used to identify an installation's NPL status as issued by the Environmental Protection Agency (EPA) in accordance with the National Contingency Plan D CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act). The NPL, often referred to as the 'Superfund list', is a compilation of sites that have been assigned priority by the EPA. The code indicates which installations are included in, proposed for, or deleted from the National Priorities List (NPL). The default is 'N' which indicates installations not on the NPL. (See REF_NPL_STATUS table)
RNPL_LIST_FY	NUMBER		6	Component	The fiscal year that the installation was added to the NPL. If multiple listings, please indicate the earliest listing.
RIPRC_FY	NUMBER		4	Derived	The Fiscal Year of the RIP_RC_DATE column.
RIP_RC_DATE	NUMBER		6	Derived	The maximum SITE_RIP_RC_DATE of all the sites associated with the installation/property in the SITE table. Format should be (YYYYMM).
RIPRC_FY_BRAC	NUMBER		4	Derived	The Fiscal Year of the maximum of the SITE_RIP_RC_DATE of all the BRAC sites associated with the installation from the SITE table. If the installation has no BRAC sites, this date is not calculated.
RIPRC_FY_DERA	NUMBER		4	Derived	The Fiscal Year of the maximum of the SITE_RIP_RC_DATE of all the DERA sites associated with the installation from the SITE table. If the installation has no DERA sites, this date is not calculated.
RC_FY_BRAC	NUMBER		4	Derived	The maximum RC_FY of all the BRAC sites associated with the installation/property in the SITE table.
RC_FY_DERA	NUMBER		4	Derived	The maximum RC_FY of all the DERA sites associated with the installation/property in the SITE table.
RC_FY	NUMBER		4	Derived	The maximum of the RC_FY_BRAC or RC_FY_DERA date for the installation.
TAG	VARCHAR2		1	Derived	One letter code (Y/N), which indicates if the installation has any associated site records.
IN_96_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1996 RMIS database.[1]
IN_97_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1997 RMIS database.
IN_98_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1998 RMIS database.
IN_99_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1999 RMIS database.
IN_00_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 2000 RMIS database.
IN_01_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 2001 RMIS database.
IN_02_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 2002 RMIS database.
IN_03_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID exists in 2003 RMIS database.
IN_05_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID exists in 2005 RMIS database. This field is blank until the RMIS05EY database is populated.
FASTRACK	VARCHAR2		1	Derived	Received from ODUSD (ES) office. A flag which indicates if the installation is part of the of the FAST TRACK program. Values are 'Y,' 'N,' or 'D' (DoD believes installation to be part of program, but EPA does not.)
FIVE_YEAR_REVIEW	VARCHAR2	FK	3	Component	Pick list: Five-year review completed, Five-year review underway, Five-year review planned, No Five-year review (multiple choices may be selected.) Completed, underway, and planned five-year reviews should only be flagged for the following: 1) A CERCLA ROD must be signed 2) Land use is not unrestricted (See REF_FIVE_YEAR_REVIEW table)

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[1] Each year a new flag is added.

INSTALLATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FIVE_YEAR_REVIEW_LAST	NUMBER		6	Component	Date of last Five-year review. Note: The first five-year review starts five-years after the start of the first remedial action. Format should be (YYYYMM).
FIVE_YEAR_REVIEW_NEXT	NUMBER		6	Component	Date of next Five-year review. Format should be (YYYYMM).
MAP_FILE_NAME	VARCHAR2		16	Component	Indicates electronic map file name (.PDF format). Map must show the boundaries of any ranges and sites associated with the installation and a location reference or context of the installation (e.g., installation boundary, directional proximity in miles or meters, etc.) The map file may have multiple pages and each page must have a scale.
IN_APPENDIX_A_FLAG	VARCHAR2		4	Derived	Used in EY schema; contains ARC Appendix A page number.
C_TECH	VARCHAR2		6	Component	Yes/No field indicating a CTC delta reason of technical issues.
C_REG	VARCHAR2		6	Component	Yes/No field indicating a CTC delta reason of regulatory issues.
C_EST	VARCHAR2		6	Component	Yes/No field indicating a CTC delta reason of estimating criteria.
IRP_SITES	NUMBER		15	Derived	Numeric total of IRP sites associated with the installation; summed from the SITE table.
MMRP_SITES	NUMBER		15	Derived	Numeric total of MMRP sites associated with the installation; summed from the SITE table.
BDDR_SITES	NUMBER		15	Derived	Numeric total of BD/DR sites associated with the installation; summed from the SITE table.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

INSTALLATION_LOCATION Table

DESCRIPTION: The INSTALLATION_LOCATION table identifies primary and other locations of the installation with respect to city, State, and county location.

PRIMARY KEY:
 Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, INST_CITY, RSTATE_CODE**

FOREIGN KEY:
 Referenced Table: **INSTALLATION**
  Foreign Key Columns: **FFID, RSERVICE_CODE**
 Referenced Table: **REF_SERVICE**
  Foreign Key Columns: **RSERVICE_CODE**
 Referenced Table: **REF_SOURCE**
  Foreign Key Columns: **RSOURCE_CODE**
 Referenced Table: **REF_STATE**
  Foreign Key Columns: **RSTATE_CODE**

SCHEMA: MY and EY

INSTALLATION_LOCATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
PRIMARY_LOCATION	VARCHAR2		1	Component	Yes/No field that indicates if this record is identifies the primary location information for city, state, and county.
INST_CITY	VARCHAR2	PK	40	Component	City where the Installation is located in whole or in part.
RSTATE_CODE	VARCHAR2	PK/FK	2	Component	Code representing the State where the Installation is located in whole or in part. (See REF_STATE table)
INST_COUNTY	VARCHAR2		30	Component	County where the Installation is located in whole or in part.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

SITE Table

DESCRIPTION: The SITE table identifies sites associated with each installation in the INSTALLATION table. This table contains relevant data about the program that the site belongs to, the relative risk evaluation data, NPL status, estimated and actual remedy in place and response complete dates, and the site type classification. The FFID for a site *must* be defined in the INSTALLATION table in order for a record to be added to the site table.

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:

Referenced Table: **INSTALLATION**
    Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_RELATIVE_RISK**
    Foreign Key Columns: **RREL_RISK_BAH**
Referenced Table: **REF_RELATIVE_RISK**
    Foreign Key Columns: **RREL_RISK_CODE**
Referenced Table: **REF_SITE_TYPE**
    Foreign Key Columns: **RSITE_TYPE_CODE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **RANGE**
    Foreign Key Columns: **FFID, RANGE_ID**
Referenced Table: **REF_RAC_CODE**
    Foreign Key Columns: **RAC_CODE**
Referenced Table: **REF_NATURAL_CULTURAL_SENSITIVE**
    Foreign Key Columns: **NATURAL_CULTURAL_SENSITIVE**

SCHEMA: MY and EY

SITE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	A unique name given to a distinct area of an installation containing one or more releases or threatened releases of hazardous substances treated as a discreet entity or consolidated grouping for response purposes. Includes any building, structure, impoundment, landfill, storage container, or other site or area where a hazardous substance was or has come to be located, including formerly used sites eligible for Building Demolition/Debris Removal (BD/DR). Installations may have more than one site. (See SITE table for foreign key reference to SITE_ID)
RANGE_ID	VARCHAR2	PK	14	Component	Unique alpha-numeric identifier, only entered if the site is associated with a range (separate from the FFID and SITE_ID.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
SITE_NAME	VARCHAR2		40	Component	This is an optional column that identifies the site.
SITE_ON_NPL_FLAG	VARCHAR2		1	Component	This code identifies sites that are included in, proposed for, or deleted from the National Priority List (NPL). (See REF_NPL_STATUS table)
SITE_NPL_DELIST_DATE	NUMBER		6	Component	The month and year (YYYYMM) a site was removed from the NPL, as appropriate.
SITE_EST_RIP_DATE	NUMBER		6	Component	The date the final remedy is expected to be in place. Final Remedy in Place is defined as when the construction of the final remedial action has been completed and the remedy is operational and functioning properly and performing as designed. 'Not Required' if an actual RIP date is provided or if the final remedy does not require an operational period. Use YYYYMM format.

SITE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
SITE_ACT_RIP_DATE	NUMBER		6	Component	The date the final remedy was put in place, as appropriate. 'Not Required' if the final remedy does not require an operational (RA-O) period. Use YYYYMM format.
SITE_EST_RC_DATE	NUMBER		6	Component	The date that the IRP process at the site is expected to be complete. This does not include the Long Term Monitoring phase (LTM). 'Not Required' if the actual RC date is provided. Use YYYYMM format.
SITE_ACT_RC_DATE	NUMBER		6	Component	The date that the IRP process at the site was completed with a documented decision and if required, regulatory requirement for notification or application for concurrence has occurred. This does not include the Long Term Monitoring phase (LTM). Use YYYYMM format.
SITE_RIP_RC_DATE	NUMBER		6	Derived	The first date encountered, from the SITE_ACT_RIP_DATE, SITE_ACT_RC_DATE, SITE_EST_RIP_DATE and SITE_EST_RC_DATE columns, in that order.
SITE_ACT_RIPRC	NUMBER		6	Derived	The first date encountered from the SITE_ACT_RIP_DATE, SITE_ACT_RC_DATE, in that order.
RIP_FY	NUMBER		4	Derived	The fiscal year of the first date encountered from the SITE_ACT_RIP_DATE, SITE_EST_RIP_DATE, in that order.
RC_FY	NUMBER		4	Derived	The fiscal year of the first date encountered from the SITE_ACT_RC_DATE, SITE_EST_RC_DATE, in this order.
RIPRC_FY	NUMBER		4	Derived	The fiscal year of the first date encountered from the SITE_ACT_RIP_DATE, SITE_EST_RIP_DATE, in that order or the fiscal year of the first date encountered from the SITE_ACT_RC_DATE, SITE_EST_RC_DATE, in this order if no RIP dates exist. (Assumes that RIP dates are always equal to or earlier than RC dates.)
STUDYC_FY	NUMBER		6	Derived	The date the site investigation is considered complete. This date is calculated, in part, from the actual and estimated start and end dates of the study phases in the CLEANUP_PHASE table. This column is used in the Measures of Merit #2 and to support the Annual Report to Congress.
RSITE_TYPE_CODE	VARCHAR2	FK	2	Component	A valid site type code that describes the type of site. (See REF_SITE_TYPE table)
RREL_RISK_CODE	VARCHAR2	FK	1	Derived	The relative risk category assigned to the site. Components maintain the original relative risk rating for the site and this category has been adjusted to correctly reflect actual RIP or RC dates for which a relative risk evaluation is not required. Relative risk site evaluations are required for all sites except for the following conditions: 1) all remedies in place (RIP), 2) site is determined to be response complete, 3) the site is classified under Unexploded Ordnance (UXO) program, or 4) sites that are building demolition/debris removal (BD/DR). (See REF_RELATIVE_RISK table for allowable codes.) (See the Relative Risk Site Evaluation Primer for complete information regarding site evaluations.)
RAC_CODE	VARCHAR2	FK	1	Component	Overall RAC score for MMRP sites only, to include: 1=Imminent Threats to Human Safety 2=Possible Threats to Human Safety 3=Marginal Threats to Human Safety 4=Remote Threats to Human Safety 5=Negligible Threats to Human Safety 6=No RAC code - Not Evaluated 7=No RAC code - Site is Response Complete 8=No RAC code - IRP or BD/DR site (See REF_RAC_CODE table)
RAC_HAZARD_PROBABILITY	VARCHAR2		2	Component	RAC hazard probability score (numeric)
RAC_HAZARD_SEVERITY	VARCHAR2		2	Component	RAC hazard severity score (numeric)
RREL_RISK_BAH	VARCHAR2	FK	1	Derived	The relative risk category resulting from the Relative Risk Recalculation process, which reflects the highest media recalculated relative risk rating (Driving media) for the site. The Relative Risk Recalculation is based on the data in associated records in the MEDIA and CONTAMINANT tables for the site and in conformance with the criteria defined in the Relative Risk Site Evaluation primer. (See REF_RELATIVE_RISK table for allowable codes.)
RR_ORIG	VARCHAR2		1	Component	The site relative risk evaluation code of the site as submitted by the Component. (See REF_RELATIVE_RISK table)
IN_96_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 1996 RMIS database. (Y/N)[2]
IN_97_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 1997 RMIS database. (Y/N)
IN_98_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 1998 RMIS database. (Y/N)
IN_99_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 1999 RMIS database. (Y/N)

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[2]   Each year a new flag is added.

SITE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
IN_00_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 2000 RMIS database. (Y/N)
IN_01_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 2001 RMIS database. (Y/N)
IN_02_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 2002 RMIS database. (Y/N)
IN_03_FLAG	VARCHAR2		1	Derived	This flag identifies if the site existed in 2003 RMIS database. (Y/N)
IN_05_FLAG	VARCHAR2		1	Derived	This flag is populated after the RMIS05EY database is completed and identifies if the site exists in 2005 RMIS database. (Y/N)
MOM3_IRA	NUMBER		6	Derived	The Fiscal Year during which the first IRA phase for a site is or will be complete as derived from the estimated and actual end dates of IRA phases for the site in the CLEANUP_PHASE table. This column is used in Measures of Merit #3 and the Annual Report to Congress. (See MOM3_IRA procedure)
PROGRAM_FUND_CODE	VARCHAR2	FK	1	Component	This field is used to determine if a site is an IRP, BD/DR, or MMRP site. Codes values include I, B, M, or U are as follows: I=IRP B=BD/DR M=MMRP U=UXO (an IRP site with UXO incidental to the site and that does not meet the eligibility criteria for an MMRP site as defined in the Sept. 2001 DERP Management Guidance). (See REF_PROGRAM_FUND_CODE table)
ELIGIBILITY	VARCHAR2	FK	2	Component	Pick list: Identifies funding eligibility based on Table 1 from the DERP Management Guidance.
ON_RANGE_FLAG	VARCHAR2		1	Component	Yes/No indicates if the site is part of a range
NATURAL_CULTURAL_SENSITIVE	VARCHAR2	FK	1	Component	Natural and cultural resource delineation status pick list to include: natural resource impacted, cultural resource impacted, environmentally sensitive area impacted.
FIVE_YEAR_REVIEW_FLAG	VARCHAR2		1	Component	Yes/No field indicates if this site is one of the sites at the installation driving a five year review at the installation
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

SITE_LOCATION Table

DESCRIPTION: The SITE_LOCATION table identifies primary and other locations of the site with respect to city, State, and county location.

PRIMARY KEY:
Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, SITE_CITY, RSTATE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **SITE**
Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **REF_STATE**
Foreign Key Columns: **RSTATE_CODE**

SCHEMA: MY and EY

SITE_LOCATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	A unique name given to a distinct area of an installation containing one or more releases or threatened releases of hazardous substances treated as a discreet entity or consolidated grouping for response purposes. Includes any building, structure, impoundment, landfill, storage container, or other site or area where a hazardous substance was or has come to be located, including formerly used sites eligible for Building Demolition/Debris Removal (BD/DR). Installations may have more than one site
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
PRIMARY_LOCATION	VARCHAR2		1	Component	Yes/No field that indicates if this record is identifies the primary location information for city, state, and county.
SITE_CITY	VARCHAR2	PK	40	Component	City where the Site is located in whole or in part.
RSTATE_CODE	VARCHAR2	PK/FK	2	Component	Code representing the State where the Site is located in whole or in part. (See REF_STATE table)
SITE_COUNTY	VARCHAR2		30	Component	County where the Site is located in whole or in part.
LATITUDE	NUMBER		10,6	Component	Geospatial data for identifying the MMRP site location in decimal degrees, using the centroid coordinate.
LONGITUDE	NUMBER		10,6	Component	Geospatial data for identifying the MMRP site location in decimal degrees, using the centroid coordinate.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

MEDIA Table

DESCRIPTION: The MEDIA table contains media data associated with sites defined in the SITE table. This data includes the relative risk evaluation data for the media as provided by the Components and the relative risk evaluation data from the relative risk recalculation process. Media records *must* have the FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE defined in the SITE table before they can be added to this table.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, RSOURCE_CODE**

<u>**FOREIGN KEY:**</u>
Referenced Table: **REF_CHF**
    Foreign Key Columns: **RCHF_CODE**
Referenced Table: **REF_MEDIA**
    Foreign Key Columns: **RMEDIA_CODE**
Referenced Table: **REF_MPF**
    Foreign Key Columns: **RMPF_CODE**
Referenced Table: **REF_RELATIVE_RISK**
    Foreign Key Columns: **RREL_RISK_CODE**
Referenced Table: **REF_RF**
    Foreign Key Columns: **RRF_CODE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **SITE**
    Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

<u>**SCHEMA:**</u> MY and EY

MEDIA Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. This *must* be defined in the SITE table. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	The site_id of the site that records are associated with. This *must* be defined in the SITE table.
RMEDIA_CODE	VARCHAR2	PK/FK	2	Component	The valid media code, which identifies the medium of concern. There are eight possible media of concerns per site. The media codes are based on the four media (Groundwater, Soil, Water, Sediment) and the associated exposure endpoints (Human, Ecological – Freshwater and Ecological – Marine). (See REF_MEDIA table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
TOTAL_RATIO	NUMBER		17,7	Component	Sum of all site contaminant ratios for contaminants of concern that are associated with the media.
TOTAL_RATIO_BAH	FLOAT		126	Derived	The sum of all contaminant table total ratios, by media, calculated during the relative risk recalculation process.
RREL_RISK_CODE	VARCHAR2	FK	1	Component	The relative risk category for the media determined by applying the media CHF, MPF and RF according to directions in the Relative Risk Site Evaluation primer.
RREL_RISK_BAH	VARCHAR2	FK	2	Derived	The recalculated media relative risk from the relative risk recalculation process.
RCHF_CODE	VARCHAR2	FK	1	Component	The code that identifies the media contaminant hazard factor (CHF) as determined for the media. The CHF is a qualitative rating based on the aggregate sum of the contaminant ratios detected for the media. (See REF_CHF table for allowable factor classification and the Relative Risk Site Evaluation Primer)
RCHF_CODE_BAH	VARCHAR2	FK	2	Derived	The CHF calculated during the relative risk recalculation process.
RMPF_CODE	VARCHAR2	FK	1	Component	The code that identifies the Migration Pathway Factor (MPF), as determined for the media. The MPF is defined as the likelihood or extent of contaminant migration at the site. The MPF is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. Refer to the Relative Risk Site Evaluation primer for the complete definition of receptor factor determination. (See REF_MPF table)
RMPF_BAH	VARCHAR2	FK	1	Derived	This column is derived from the RMPF_CODE column and null records are updated to Not Evaluated. This column is used during the relative risk recalculation process.

<table>
<tr><td colspan="6" align="center">**MEDIA Table**</td></tr>
<tr><td>**Column Name**</td><td>**Data Type**</td><td>**PK/FK**</td><td>**Length**</td><td>**Input**</td><td>**Description**</td></tr>
<tr><td>**RRF_CODE**</td><td>VARCHAR2</td><td>FK</td><td>1</td><td>Component</td><td>The code identifying the receptor factor (RF) determined for the media. The media RF is the information identifying the present or future likelihood of contaminant affect to receptors at the site. The evaluators on the basis of professional judgment and available site and media information determine the RF. Refer to the Relative Risk Site Evaluation primer for the complete definition of receptor factor determination. (See REF_RF table)</td></tr>
<tr><td>**RRF_BAH**</td><td>VARCHAR2</td><td></td><td>1</td><td>Derived</td><td>This column is derived from the RRF_CODE column and null records are updated to Not Evaluated. This column is used during the relative risk recalculation.</td></tr>
<tr><td>**MPF_RATIONALE**</td><td>VARCHAR2</td><td></td><td>250</td><td>Component</td><td>Narrative of the rationale supporting the MPF classification for the media.</td></tr>
<tr><td>**RF_RATIONALE**</td><td>VARCHAR2</td><td></td><td>250</td><td>Component</td><td>Narrative of the rationale supporting the RF classification for the media.</td></tr>
<tr><td>**CREATED_DATE**</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date the record was created in RMIS. System Generated.</td></tr>
<tr><td>**UPDATED_DATE**</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date the record was last updated in RMIS. System Generated.</td></tr>
</table>

CONTAMINANT Table

DESCRIPTION: The CONTAMINANT table contains the contaminant concentration, concentration units, comparison value, and resultant total ratio from the relative risk recalculation process. Contaminant records can only be added to this table for media that are present in the media table and the contaminant CAS (Chemical Abstract Service) Number is defined in the REF_CONTAMINANT table. Only one contaminant as identified by the CAS Number can be associated with a given media for a site. The FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the MEDIA table before records can be added to this table.

PRIMARY KEY:
Primary Key Columns: **FFID, SITE_ID, RMEDIA_CODE, RCONTAMINANT_CAS_NMBR, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **SITE**
    Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **MEDIA**
    Foreign Key Columns: **FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **REF_CONCENTRATION_UNITS**
    Foreign Key Columns: **RCONC_UNITS_CODE**
Referenced Table: **REF_MEDIA**
    Foreign Key Columns: **RMEDIA_CODE**
Referenced Table: **REF_CONTAMINANT**
    Foreign Key Columns: **RCONTAMINANT_CAS_NMBR**

SCHEMA: MY and EY

CONTAMINANT Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site Identification. (See SITE table)
RMEDIA_CODE	VARCHAR2	PK/FK	2	Component	Media Code. (See REF_MEDIA table)
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK/FK	25	Component	The Chemical Abstract Service (CAS) registry number associated with the chemical name and list in the DoD contaminant master table in the Relative Risk Site Evaluation primer. Only one record as identified by CAS Number can be associated with a site and its media. (See REF_CONTAMINANT table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
ORIG_NAME	VARCHAR2		100	Component	The name of the contaminant as submitted.
CONCENTRATION	VARCHAR2		20,7	Component	Highest concentration detected and recorded for the contaminant in the media.
RCONC_UNITS_CODE	VARCHAR2	FK	2	Component	Code for the unit of measurement associated with the contaminant and media as indicated in the DoD contaminant master table in the Relative Risk Site Evaluation primer. (See REF_CONCENTRATION_UNITS table)
RCONT_VALUE	NUMBER		19,7	Derived	The comparison value assigned to the contaminant for identified media as assigned by the Relative Risk Comparison Values in the Relative Risk Site Evaluation primer. (See REF_CONTAMINANT_COMPARISON table or RRSE Primer.)
TOTAL_RATIO_BAH	FLOAT		126	Derived	Resultant contaminant ratio from the relative risk recalculation process. TOTAL_RATIO_BAH = CONCENTRATION / RCONT_VALUE
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated in RMIS. System Generated.

CLEANUP_PHASE Table

DESCRIPTION: The CLEANUP PHASE table contains specific cleanup phase data such as phase status, and estimated and actual start and end dates for the associated site. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before the cleanup phase records can be added to the CLEANUP PHASE table.

PRIMARY KEY:
   Primary Key Columns: **FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, CPHASE_ID**

FOREIGN KEY:
   Referenced Table: **SITE**
      Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
   Referenced Table: **REF_PHASE_STATUS**
      Foreign Key Columns: **RPHASE_STATUS_CODE**
   Referenced Table: **REF_PHASE**
      Foreign Key Columns: **RPHASE_ CODE**
   Referenced Table: **REF_SERVICE**
      Foreign Key Columns: **RSERVICE_CODE**
   Referenced Table: **REF_SOURCE**
      Foreign Key Columns: **RSOURCE_CODE**
   Referenced Table: **REF_REMEDY_TYPE**
      Foreign Key Columns: **RREMEDY_TYPE_CODE**
   Referenced Table: **REF_IMPACT**
      Foreign Key Columns: **RIMPACT_CODE**

SCHEMA: MY and EY

CLEANUP_PHASE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. This *must* be defined in the SITE table. (See INSTALLATION Table)
SITE_ID	VARCHAR2	PK/FK	14	Component	SITE_ID *must* be defined in the SITE table. (See SITE table)
RPHASE_CODE	VARCHAR2	PK/FK	7	Component	Valid phase code as defined in the REF_PHASE table. (See REF_PHASE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
CPHASE_ID	NUMBER	PK	8	System	System generated unique value to allow multiple cleanup phase records for the same phase code such as IRA.
CPHASE_EST_START_DATE	NUMBER		6	Component	Estimated starting date of cleanup phase. 'Not Required' is used if an actual start date is provided. Use YYYYMM format.
CPHASE_EST_END_DATE	NUMBER		6	Component	Estimated ending date of cleanup phase. 'Not Required' is used if an actual end is provided. Use YYYYMM format.
CPHASE_ACT_START_DATE	NUMBER		6	Component	Actual starting date of cleanup phase. Use YYYYMM format.
CPHASE_ACT_END_DATE	NUMBER		6	Component	Actual ending date of cleanup phase. Use YYYYMM format.
RPHASE_STATUS_CODE	VARCHAR2	FK	1	Derived	Phase status code as validated by the estimated and actual start and end dates. (See REF_PHASE_STATUS table)
RREMEDY_TYPE_CODE	VARCHAR2	FK	3	Component	The code of the most applicable remedial action technology type being performed at the site. This code should be entered for each IRA and final RA phase no later than the actual end date of the RI/FS phase. At NPL sites, the code should be entered no later than the actual start date of the RD phase. (See REF_REMEDY_TYPE table)
RIMPACT_CODE	VARCHAR2	FK	4	Component	Reason phase schedule is affected. (See REF_IMPACT table)
ORIG_STAT	VARCHAR2		1	Component	The original phase status code as provided by the submitting Component. 'F'-Planned for Future Action, 'U'- Underway, or 'C'-Action Completed.
PROGRAM_FUND_CODE	VARCHAR2	FK	1	Component	This field is used to determine is a site is an IRP, BD/DR, or MMRP site. Codes values include I, B, M, or U are as follows: I=IRP B=BD/DR M=MMRP U=UXO (an IRP site with UXO incidental to the site and that does not meet the eligibility criteria for an MMRP site as defined in the Sept. 2001 DERP Management Guidance). (See REF_PROGRAM_FUND_CODE table)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

COST Table

DESCRIPTION: The COST table contains the costs associated with each cleanup phase identified for each site. Only one cost record per phase is allowed. If multiple cost records are submitted by FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, and FUNDSOURCE, the cost for each FY is summed and one record is created. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before cost records can be added to the COST table.

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, FUNDSOURCE**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **REF_PHASE**
        Foreign Key Columns: **RPHASE_CODE**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**
    Referenced Table: **REF_APPROPRIATION**
        Foreign Key Columns: **ACCOUNT**

SCHEMA: MY and EY

COST Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site Identification. (See SITE table)
RPHASE_CODE	VARCHAR2	PK/FK	7	Component	The cleanup phase. (See REF_CLEANUP_PHASE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
FUNDSERV	VARCHAR2	PK/FK	4	Component	This code identifies the Component to which the costs are attributed. (See REF_SERVICE table)
FUNDSOURCE	VARCHAR2	PK/FK	4	Component	This code identifies the program (i.e., DERA or BRAC) to which the costs are attributed. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
PROGRAM_FUND_CODE	VARCHAR2	FK	1	Component	This field is used to determine is a site an IRP, BD/DR, or MMRP site. Codes values include I, B, M, or U are as follows: I=IRP B=BD/DR M=MMRP U=UXO (an IRP site with UXO incidental to the site and that does not meet the eligibility criteria for an MMRP site as defined in the Sept. 2001 DERP Management Guidance). (See REF_PROGRAM_FUND_CODE table)
ACCOUNT	VARCHAR2	FK	1	Component	Indicates O&M or MILCON (see REF_APPROPRIATION table)
ELIGIBILITY	VARCHAR2	FK	2	Component	Pick list: Identifies funding eligibility based on Table 1 from the DERP Management Guidance. (See REF_ELIGIBILITY table)
FY04 EXE	NUMBER		10	Component	Cost for Fiscal Year 2004.
FY05	NUMBER		10	Component	Cost for Fiscal Year 2005.
FY06	NUMBER		10	Component	Cost for Fiscal Year 2006.
FY07	NUMBER		10	Component	Cost for Fiscal Year 2007.
FY08	NUMBER		10	Component	Cost for Fiscal Year 2008.
FY09	NUMBER		10	Component	Cost for Fiscal Year 2009.
FY10	NUMBER		10	Component	Cost for Fiscal Year 2010.
FY11	NUMBER		10	Component	Cost for Fiscal Year 2011.
FY12COMP	NUMBER		10	Component	Cost estimate Fiscal Year 2012 to completion
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.

COST Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

BUDGET Table

DESCRIPTION: The BUDGET table contains the budget data as submitted by each Component in the annual budget process. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the INSTALLATION table before budget records can be added to the this table.

PRIMARY KEY:
　　　Primary Key Columns: **FFID, RPHASE_CODE, RBUDGET_RISK_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, FUNDSOURCE**
FOREIGN KEY:
　　　Referenced Table: **INSTALLATION**
　　　　　Foreign Key Columns: **FFID, RSERVICE_CODE**
　　　Referenced Table: **REF_SERVICE**
　　　　　Foreign Key Columns: **RSERVICE_CODE**
　　　Referenced Table: **REF_SOURCE**
　　　　　Foreign Key Columns: **RSOURCE_CODE**
　　　Referenced Table: **REF_PHASE**
　　　　　Foreign Key Columns: **RPHASE_CODE**
　　　Referenced Table: **REF_BUDGET_RISK**
　　　　　Foreign Key Columns: **RBUDGET_RISK_CODE**
　　　Referenced Table: **REF_LEGAL_DRIVER**
　　　　　Foreign Key Columns: **RLEGAL_DRIVER_CODE**

SCHEMA: MY and EY

BUDGET Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
RPHASE_CODE	VARCHAR2	PK/FK	7	Component	The code representing the description of work phases/projects in the DERP to which funds are assigned/budgeted. (See REF_PHASE table.)
RBUDGET_RISK_ CODE	VARCHAR2	PK/FK	2	Component	This code identifies the budget risk (See REF_BUDGET_RISK).
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the installation/property is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
FUNDSOURCE	VARCHAR2	PK/FK	4	Component	This code identifies the source of the funding (DERA or BRAC).
FUNDSERV	VARCHAR2	PK/FK	4	Component	The code that identifies the program (DERA/BRAC) to which the budget data is attributed. The data in this column is added during the data loading process. (See REF_SOURCE table.)
RLEGAL_DRIVER	VARCHAR2	FK	1		This code describes why funding is being provided (See REF_LEGAL_DRIVER).
FY84_THRU_92	NUMBER		10	Derived	Budget for Fiscal Year 1984 through FY 1992.
FY93EXE	NUMBER		10	Derived	Budget for Fiscal Year 1993.
FY94EXE	NUMBER		10	Derived	Budget for Fiscal Year 1994.
FY95EXE	NUMBER		10	Derived	Budget for Fiscal Year 1995.
FY96EXE	NUMBER		10	Derived	Budget for Fiscal Year 1996.
FY97EXE	NUMBER		10	Derived	Budget for Fiscal Year 1997.
FY98EXE	NUMBER		10	Derived	Budget for Fiscal Year 1998.
FY99EXE	NUMBER		10	Derived	Budget for Fiscal Year 1999.
FY00EXE	NUMBER		10	Derived	Budget for Fiscal Year 2000.
FY01EXE	NUMBER		10	Derived	Budget for Fiscal Year 2001.
FY02EXE	NUMBER		10	Derived	Budget for Fiscal Year 2002.
FY03EXE	NUMBER		10	Derived	Budget for Fiscal Year 2003.
FY04EXE	NUMBER		10	Component	Budget for Fiscal Year 2004.
FY05	NUMBER		10	Component	Budget for Fiscal Year 2005.
FY06	NUMBER		10	Component	Budget estimate Fiscal Year 2006.
FY07	NUMBER		10	Component	Budget estimate Fiscal Year 2007.
FY08	NUMBER		10	Component	Budget estimate Fiscal Year 2008.
FY09	NUMBER		10	Component	Budget estimate Fiscal Year 2009.
FY10	NUMBER		10	Component	Budget estimate Fiscal Year 2010.
FY11	NUMBER		10	Component	Budget estimate Fiscal Year 2011.

BUDGET Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FY12COMP	NUMBER		10	Component	Budget estimate Fiscal Year 2012 to completion.
AKA_FFID	VARCHAR2		14	Component	Prior year FFID (if change submitted by Component).
PROGRAM	VARCHAR2		4	Derived	Indicates whether FFID has BRAC or DERA sites or BOTH as indicated in the INSTALLATION table.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

LEGAL_AGREEMENT Table

DESCRIPTION: The LEGAL_AGREEMENT table contains information regarding any legal agreements, which are in place and their impact to site activity. The table also contains any penalties and their amount that may exist for a site. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before records can be added to this table.

PRIMARY KEY:
> Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, LA_ID**

FOREIGN KEY:
> Referenced Table: **SITE**
> > Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
> Referenced Table: **REF_SERVICE**
> > Foreign Key Columns: **RSERVICE_CODE**
> Referenced Table: **REF_SOURCE**
> > Foreign Key Columns: **RSOURCE_CODE**
> Referenced Table: **REF_LEGAL_DRIVER**
> > Foreign Key Columns: **RLEGAL_DRIVER_CODE**
> Referenced Table: **REF_IMPACT**
> > Foreign Key Columns: **RIMPACT_CODE**
> Referenced Table: **REF_PENALTY**
> > Foreign Key Columns: **RPENALTY_CODE**
> Referenced Table: **REF_CLEANUP_MILESTONE**
> > Foreign Key Columns: **RCLEANUP_MILESTONE_CODE**

SCHEMA: MY and EY

LEGAL_AGREEMENT Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See INSTALLATION table).
SITE_ID	VARCHAR2	PK/FK	14	Component	Site Identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
LA_ID	NUMBER	PK	8	System	System generated number. Allows multiple Legal Driver Codes to be assigned to a site. System generated.
LA_PENALTY_AMOUNT	NUMBER		10	Component	The dollar amount of the penalty.
RLEGAL_DRIVER_CODE	VARCHAR2	FK	1	Component	Most significant applicable legal driver (the driver which most significantly impacts site activities) for the site. (See REF_LEGAL_DRIVER table for codes)
RIMPACT_CODE	VARCHAR2	FK	4	Component	Reason phase schedule is affected. (See REF_IMPACT table)
RPENALTY_CODE	VARCHAR2	FK	1	Component	Identifies the sites stipulated penalty status.
RCLEANUP_MILESTONE_CODE	VARCHAR2	FK	2	Component	The most recent milestone accomplished
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

RANGE Table

DESCRIPTION: The RANGE table

PRIMARY KEY:
Primary Key Columns: **FFID, RANGE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
    Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_BRAC_ROUND**
    Foreign Key Columns: **RBRAC_ROUND**
Referenced Table: **REF_RANGE_STATUS**
    Foreign Key Columns: **RANGE_STATUS**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: MY and EY

RANGE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See INSTALLATION table.)
RANGE_ID	VARCHAR2	PK	14	Component	Unique alpha-numeric identifier (separate from the FFID)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the range. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is included. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the range primarily belongs. Active military installations and Formerly Used Defense Sites (FUDS) are identified as 'DERA' and ranges associated with installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
RANGE_NAME	VARCHAR2		50	Component	Range name (text entry).
RANGE_STATUS	VARCHAR2	FK	2	Component	Pick list: Closed, Transferring, Transferred, Other (see REF_RANGE_STATUS table)
RANGE_AREA_ACRES_TOTAL	NUMBER		10,2	Component	Number of total Range Acres
RANGE_MMR_ACRES_IDENTIFIED	NUMBER		10,2	Component	Number of total Range Acres known to have Military Munitions
RANGE_MMR_ACRES_SUSPECTED	NUMBER		10,2	Component	Number of total Range Acres suspected to have Military Munitions; this is a rollup from the site-level data (See MMR_SITE_DESCRIPTION table)
RANGE_MMR_ACRES_NOT_SUSPECTED	NUMBER		10,2	Component	Number of total Range Acres not suspected to have Military Munitions; this is a rollup from the site-level data (See MMR_SITE_DESCRIPTION table)
RIP_RC_DATE	VARCHAR2		10	Derived	Final RIP/RC date of all sites associated with the range (derived from the latest site RIP/RC date associated with the range)
RIPRC_FY	NUMBER		4	Derived	Final RIP FY date of all sites associated with the range (derived from the latest site RIP date associated with the range)
RC_FY	NUMBER		4	Derived	Final RIP FY date of all sites associated with the range (derived from the latest site RIP date associated with the range)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

RANGE_LOCATION Table

DESCRIPTION: The RANGE_LOCATION table identifies primary and other locations of the range with respect to city, State, and county location.

PRIMARY KEY:
Primary Key Columns: **FFID, RANGE_ID, RSERVICE_CODE, RSOURCE_CODE, RANGE_CITY, RSTATE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **RANGE**
Foreign Key Columns: **FFID, RANGE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **REF_STATE**
Foreign Key Columns: **RSTATE_CODE**

SCHEMA: MY and EY

RANGE_LOCATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
RANGE_ID	VARCHAR2	PK/FK	14	Component	Unique alpha-numeric identifier (separate from the FFID)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the range. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the range primarily belongs. Active military installations and Formerly Used Defense Sites (FUDS) are identified as 'DERA' and ranges associated with installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is included. (See REF_BRAC_ROUND table)
PRIMARY_LOCATION	VARCHAR2		1	Component	Yes/No field that indicates if this record is identifies the primary location information for city, state, and county.
RANGE_CITY	VARCHAR2	PK	40	Component	City where the Range is located in whole or in part.
RSTATE_CODE	VARCHAR2	PK/FK	2	Component	Code representing the State where the Range is located in whole or in part. (See REF_STATE table)
RANGE_COUNTY	VARCHAR2		30	Component	County where the Range is located in whole or in part.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

PROGRESS_NARRATIVE Table

DESCRIPTION: The PROGRESS_NARRATIVE table contains summary descriptions regarding the actual and planned restoration activities at installations and the reason the scheduled activities may be affected. The following codes are used TECH - Technical, PERS - Personnel, FUND - Funding, CONT - Contracting and REG - Regulatory and the most appropriate reason, if any, identified for scheduled study, interim action, design or cleanup activities. The FFID and RSERVICE_CODE *must* exist in the INSTALLATION table before records can be added to this table.

PRIMARY KEY:
  Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, PN_FISCAL_YEAR**

FOREIGN KEY:
  Referenced Table: **INSTALLATION**
    Foreign Key Columns: **FFID, RSERVICE_CODE**
  Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
  Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: MY and EY

PROGRESS_NARRATIVE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See INSTALLATION table.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
PROGRAM_FUND_CODE	VARCHAR2	PK/FK	1	Component	This field is used to determine if the narrative is associated with the sites that are either IRP, BD/DR, or MMRP sites. Codes values include I, B, or M are as follows: I=IRP B=BD/DR M=MMRP (See REF_PROGRAM_FUND_CODE table)
PN_FISCAL_YEAR	NUMBER	PK	4	Component	Fiscal Year of progress for an Installation.
PN_PROGRESS_MADE	VARCHAR2		350	Component	Required under Superfund CERFA Section 120(3)(e)(5). A narrative description of the progress made during the current fiscal year. This narrative is used in the DERP annual report and should discuss the study and cleanup activities started, underway, or completed during the year in relationship to the prior year fiscal obligations at the sites.
PN_PROGRESS_PLANNED	VARCHAR2		350	Component	Required under Superfund CERFA Section 120(3)(e)(5). A narrative description of the progress planned for he next two fiscal years. This narrative should discuss study and cleanup activities planned for the current year and those budgeted for the following year.
SIMPACT	VARCHAR2		4	Component	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why study schedule is affected. Required under Superfund CERFA (section 120(3)(e)(1).
IIMPACT	VARCHAR2		4	Component	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why interim action schedule is affected. Required under Superfund CERFA (section 120(3)(e)(2).
DIMPACT	VARCHAR2		4	Component	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why design schedule is affected. Required under Superfund CERFA (section 120(3)(e)(2).
CIMPACT	VARCHAR2		4	Component	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why cleanup schedule is affected. Required under Superfund CERFA (section 120(3)(e)(3).
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

FIVE_YEAR_REVIEW_NARRATIVE Table

DESCRIPTION: The FIVE_YEAR_REVIEW_NARRATIVE table contains text that describes the five-year review results and plans for the future.

PRIMARY KEY:
Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, PN_FISCAL_YEAR**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
    Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY

<table>
<tr><th colspan="6">FIVE_YEAR_REVIEW_NARRATIVE Table</th></tr>
<tr><th>Column Name</th><th>Data Type</th><th>PK/FK</th><th>Length</th><th>Input</th><th>Description</th></tr>
<tr><td>FFID</td><td>VARCHAR2</td><td>PK/FK</td><td>14</td><td>Component</td><td>Federal Facility Identification Number. (See INSTALLATION table.)</td></tr>
<tr><td>RSERVICE_CODE</td><td>VARCHAR2</td><td>PK/FK</td><td>4</td><td>Component</td><td>The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)</td></tr>
<tr><td>RSOURCE_CODE</td><td>VARCHAR2</td><td>PK/FK</td><td>4</td><td>Component</td><td>This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)</td></tr>
<tr><td>PN_FISCAL_YEAR</td><td>NUMBER</td><td>PK</td><td>4</td><td>Component</td><td>Fiscal Year of progress for an Installation.</td></tr>
<tr><td>FIVE_YEAR_RESULTS</td><td>VARCHAR2</td><td></td><td>250</td><td>Component</td><td>Describe the five-year review results (i.e., is the remedy still protective and meeting cleanup standards?)</td></tr>
<tr><td>FIVE_YEAR_ACTIONS</td><td>VARCHAR2</td><td></td><td>250</td><td>Component</td><td>Describe any actions taken as a result of the five-year review.</td></tr>
<tr><td>FIVE_YEAR_PLANS</td><td>VARCHAR2</td><td></td><td>250</td><td>Component</td><td>Describe any actions planned as a result of a five-year review in which the remedy was determined to be no longer protective.</td></tr>
<tr><td>CREATED_DATE</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date the record was created in RMIS. System Generated.</td></tr>
<tr><td>UPDATED_DATE</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date the record was last updated. System Generated.</td></tr>
</table>

LUC_DESCRIPTION Table

DESCRIPTION: The LUC_DESCRIPTION table identifies all of the unique Land Use Controls at an installation.

PRIMARY KEY:
Primary Key Columns: **FFID, LUC_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: MY and EY

LUC_DESCRIPTION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
LUC_ID	VARCHAR2	PK	14	Component	A unique identifier given to each distinct land use control at an installation.
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the LUC. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the LUC is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For locations in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
LUC_TYPE	VARCHAR2	FK	2	Component	Identifies the type of LUC (see REF_LUC_TYPE).
USE_RESTRICTION	VARCHAR2	FK	2	Component	Identifies the use restriction associated with the LUC (see REF_LUC_USE_RESTRICTION).
ENVIRONMENTAL_CONTAMINATION	VARCHAR2	FK	2	Component	Provide the primary category of the contaminant(s) of concern (see REF_CONTAMINANT_GROUP) that remain at the site(s) that exceed unrestricted use levels. Refer to the Feasibility Study/Record of Decision or other CERCLA documentation to determine unrestricted use levels.
LUC_INITIATION_DATE	NUMBER		6	Component	Indicate the date (YYYYMM) that the LUC was implemented.
LUC_MODIFICATION_DATE	NUMBER		6	Component	Indicate the date (YYYYMM) that the LUC was modified, if applicable.
LUC_TERMINATION_DATE	NUMBER		6	Component	Indicate the date (YYYYMM) that the LUC was terminated, if applicable.
LUC_DOCUMENTATION_DATE	NUMBER		6	Component	Indicate the date (YYYYMM) that the LUC was documented in the installation master plan or equivalent, if applicable.
LUC_RESPONSIBILITY	VARCHAR2	FK	2	Component	Provide the organization responsible for management, maintenance, and monitoring of the LUC (see REF_LUC_RESPONSIBILITY).
POST_RIPRC_MANAGEMENT	VARCHAR2	FK	2	Component	Provide the organization responsible for management, maintenance, and monitoring of the LUC after RIP/RC is achieved at all of the sites being addressed by the LUC (see REF_LUC_RESPONSIBILITY).
LUC_MONITORING_FREQUENCY	VARCHAR2	FK	2	Component	Indicated the frequency of the LUC monitoring (see REF_LUC_MONITORING).
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

LUC_SITE Table

DESCRIPTION: The LUC_SITE table identifies all of the sites being addressed by each land use control at each installation.

PRIMARY KEY:
Primary Key Columns: **FFID, SITE_ID, LUC_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **SITE**
Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **LUC_DESCRIPTION**
Foreign Key Columns: **LUC_ID**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: MY and EY

<table>
<tr><th colspan="6">LUC_SITE Table</th></tr>
<tr><th>Column Name</th><th>Data Type</th><th>PK/FK</th><th>Length</th><th>Input</th><th>Description</th></tr>
<tr><td>FFID</td><td>VARCHAR2</td><td>PK/FK</td><td>14</td><td>Component</td><td>Federal Facility Identification (FFID) number. (See INSTALLATION table)</td></tr>
<tr><td>SITE_ID</td><td>VARCHAR2</td><td>PK/FK</td><td>14</td><td>Component</td><td>The unique SITE_ID that is being addressed by the LUC identified by the LUC_ID. Multiple sites can be addressed by the same LUC. Multiple LUCs can address the same site. Therefore, this table may have multiple entries for a particular LUC_ID at a given installation. For a definition of SITE_ID, please refer to the SITE table.</td></tr>
<tr><td>LUC_ID</td><td>VARCHAR2</td><td>PK/FK</td><td>14</td><td>Component</td><td>A unique identifier given to each distinct land use control at an installation.</td></tr>
<tr><td>RSERVICE_CODE</td><td>VARCHAR2</td><td>PK/FK</td><td>4</td><td>Component</td><td>The Service Code of the Component that has oversight of the LUC. (See REF_SERVICE table)</td></tr>
<tr><td>RSOURCE_CODE</td><td>VARCHAR2</td><td>PK/FK</td><td>4</td><td>Component</td><td>This code identifies whether the LUC is assigned to either the DERA or BRAC program. (See REF_SOURCE table)</td></tr>
<tr><td>RBRAC_ROUND</td><td>VARCHAR2</td><td>FK</td><td>4</td><td>Component</td><td>This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For locations in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)</td></tr>
<tr><td>CREATED_DATE</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date the record was created in RMIS. System Generated.</td></tr>
<tr><td>UPDATED_DATE</td><td>DATE</td><td></td><td>7</td><td>System</td><td>The date of the last update to the record. System Generated.</td></tr>
</table>

LUC_COST Table

DESCRIPTION: The LUC_COST table contains the Land use control costs associated with each cleanup phase identified for each site. Only one cost record per phase is allowed. If multiple cost records are submitted by FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, and FUNDSOURCE, the cost for each FY is summed and one record is created. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table and COST table before LUC cost records can be added to the LUC_COST table. These costs are a subset of the phase costs to which they are associated in the RMIS COST table.

PRIMARY KEY:
Primary Key Columns: **FFID, SITE_ID, LUC_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, FUNDSOURCE**

FOREIGN KEY:
Referenced Table: **SITE**
Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **LUC_DESCRIPTION**
Foreign Key Columns: **LUC_ID**
Referenced Table: **REF_PHASE**
Foreign Key Columns: **RPHASE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **REF_APPROPRIATION**
Foreign Key Columns: **ACCOUNT**

SCHEMA: MY and EY

LUC_COST Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site Identification. (See SITE table)
LUC_ID	VARCHAR2	PK/FK	14	Component	A unique identifier given to each distinct land use control at an installation.
RPHASE_CODE	VARCHAR2	PK/FK	7	Component	The cleanup phase. (See REF_CLEANUP_PHASE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the service from which the costs were reported. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program (i.e., DERA or BRAC) from which the costs were reported. (See REF_SOURCE table)
FUNDSERV	VARCHAR2	PK/FK	4	Component	This code identifies the service to which the costs are attributed. (See REF_SERVICE table)
FUNDSOURCE	VARCHAR2	PK/FK	4	Component	This code identifies the program (i.e., DERA or BRAC) to which the costs are attributed. (See REF_SOURCE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used.
PROGRAM_FUND_CODE	VARCHAR2	FK	1	Component	This field is used to determine is a site is an IRP, BD/DR, or MMRP site. Codes values include I, B, M, or U are as follows: I=IRP B=BD/DR M=MMRP U=UXO (an IRP site with UXO incidental to the site and that does not meet the eligibility criteria for an MMRP site as defined in the Sept. 2001 DERP Management Guidance)
ACCOUNT	VARCHAR2	FK	1	Component	Indicates O&M or MILCON (see REF_APPROPRIATION table)
CTC	NUMBER		10	Component	Cost-to-complete estimate fiscal years not executed (e.g., FY05-to-completion costs if reporting for FY04 DERP Annual Report).
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

RAB Table

DESCRIPTION: The RAB (Restoration Advisory Board) table contains information about the establishment and the various types of activities associated with each RAB. (Includes Community Representation, Activity, Advice, or the reason why RAB establishment was attempted but not completed). The FFID and RSERVICE_CODE *must* exist in the INSTALLATION table before records can be added to this table.

PRIMARY KEY:
   Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE,**

FOREIGN KEY:
   Referenced Table: **INSTALLATION**
      Foreign Key Columns: **FFID, RSERVICE_CODE**
   Referenced Table: **REF_RAB_NOT_NEEDED**
      Foreign Key Columns: **RAB_NOT_NEEDED_CODE**
   Referenced Table: **REF_SERVICE**
      Foreign Key Columns: **RSERVICE_CODE**
   Referenced Table: **REF_SOURCE**
      Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

RAB Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See INSTALLATION table.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
RAB_DATE	NUMBER		6	Component	Date in which the restoration advisory board (RAB) was established at the installation (use YYYYMM format). A RAB is considered established when the community co-chair has been selected and the first meeting involving community members has been held.
RAB_EXPENDITURES	NUMBER		6	Component	Funds expended on RABs in the past FY. RAB expenses include those costs which are directly related to the operation of the RAB such as: RAB establishment, member selection costs, training, meeting announcements, meeting logistics, facilitators, preparation of meeting agendas, material, minutes, and documents reproduction for RAB members. Do not include general community involvement expenses such as preparation of fact sheets or other information materials for public distribution, mailing, or repository costs. Include contract support expenses but do not include salaries for DoD personnel.
RAB_TECHNICAL_ ASSISTANCE_FUNDS	NUMBER		6	Component	Amount of independent technical assistance funds provided to communities for the FY being reported
RRAB_NOT_NEEDED_CODE	VARCHAR2	FK	1	Component	Code indicating the reason a RAB is not needed. Required unless codes for RAB activities, RAB advice or RAB community representation are provided. (See REF_RAB_NOT_NEEDED table)
RAB_ACT	VARCHAR2		9	Component	All codes for RAB activities that may apply. (See ref_rab_activity for valid codes)
RAB_ADV	VARCHAR2		9	Component	All codes that may apply for Advice provide by RAB. (See ref_rab_advice for valid codes)
RABCOMMREP	VARCHAR2		9	Component	All codes for Community Representation that may apply for the RAB. (See ref_rab_community_rep for valid codes)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

MMR_SITE_CLASSIFICATION Table

DESCRIPTION: The MMR_SITE_CLASSIFICATION table.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

<u>**FOREIGN KEY:**</u>
Referenced Table: **SITE**
Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_BRAC_ROUND**
Foreign Key Columns: **RBRAC_ROUND**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**

<u>**SCHEMA:**</u> EY only

MMR_SITE_CLASSIFICATION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is used. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the DERA or BRAC program. (See REF_SOURCE table)
TESTING	VARCHAR2		1	Component	Yes/No field
TRAINING	VARCHAR2		1	Component	Yes/No field
TREATMENT_OBOD_RCRA	VARCHAR2		1	Component	Yes/No field
DISPOSAL_RCRA	VARCHAR2		1	Component	Yes/No field
BUFFER_AREA	VARCHAR2		1	Component	Yes/No field
SMALL_ARMS_RANGE	VARCHAR2		1	Component	Yes/No field
SKEET_RANGE	VARCHAR2		1	Component	Yes/No field
WMM	VARCHAR2		1	Component	Yes/No flag indicating that the contaminant is waste military munitions
OTHER	VARCHAR2		1	Component	Yes/No field
OTHER_DESC	VARCHAR2		60	Component	Text description
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

LAND_USE_ACCESS_CONTROLS Table

DESCRIPTION: The LAND_USE_ACCESS_CONTROLS Table for MMRP sites.

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_BRAC_ROUND**
        Foreign Key Columns: **RBRAC_ROUND**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

LAND_USE_ACCESS_CONTROLS Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
NO_CONTROLS	VARCHAR2		1	Component	Yes/No field
ACCESS_SIGNS	VARCHAR2		1	Component	Yes/No field
FENCING	VARCHAR2		1	Component	Yes/No field
LOCKED_GATES	VARCHAR2		1	Component	Yes/No field
LOG_BOOK	VARCHAR2		1	Component	Yes/No field
SECURITY_PATROL	VARCHAR2		1	Component	Yes/No field
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

LAND_USE_RESTRICTIONS Table

DESCRIPTION: The LAND_USE_RESTRICTIONS Table for MMRP sites.

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_BRAC_ROUND**
        Foreign Key Columns: **RBRAC_ROUND**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

LAND_USE_RESTRICTIONS Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
NO_PUBLIC_ACCESS	VARCHAR2		1	Component	Yes/No field
LIMITED_PUBLIC_ACCESS	VARCHAR2		1	Component	Yes/No field
RESTRICTED_PUBLIC_ACCESS	VARCHAR2		1	Component	Yes/No field
UNRESTRICTED_ACCESS	VARCHAR2		1	Component	Yes/No field
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

LAND_USE_INTEREST Table

DESCRIPTION: The LAND_USE_INTEREST Table

PRIMARY KEY:
Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **SITE**
Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_BRAC_ROUND**
Foreign Key Columns: **RBRAC_ROUND**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

LAND_USE_INTEREST Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	**Component**	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	**Component**	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	**Component**	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	**Component**	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	**Component**	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
DOD_INTEREST	VARCHAR2		1	**Component**	Yes/No field
FEDERAL_AGENCY	VARCHAR2		1	**Component**	Yes/No field
STATE_GOVERNMENT	VARCHAR2		1	**Component**	Yes/No field
LOCAL_GOVERNMENT	VARCHAR2		1	**Component**	Yes/No field
PUBLIC_SECTOR	VARCHAR2		1	**Component**	Yes/No field, indicates a commercial interest
TRIBAL	VARCHAR2		1	**Component**	Yes/No field
OTHER	VARCHAR2		1	**Component**	Yes/No field, indicates a private sector interest
OTHER_DESC	VARCHAR2		60	**Component**	Text description
CREATED_DATE	DATE		7	**System**	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	**System**	The date the record was last updated. System Generated.

PROPERTY_TRANSFER Table

DESCRIPTION: The PROPERTY_TRANSFER Table

PRIMARY KEY:
>   Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
>   Referenced Table: **SITE**
>>   Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
>   Referenced Table: **REF_SERVICE**
>>   Foreign Key Columns: **RSERVICE_CODE**
>   Referenced Table: **REF_BRAC_ROUND**
>>   Foreign Key Columns: **RBRAC_ROUND**
>   Referenced Table: **REF_SOURCE**
>>   Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

PROPERTY_TRANSFER Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Component	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (See REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
TRANSFER_FEDERAL	VARCHAR2		1	Component	Yes/No field
TRANSFER_STATE	VARCHAR2		1	Component	Yes/No field
TRANSFER_LOCAL	VARCHAR2		1	Component	Yes/No field
TRANSFER_PRIVATE	VARCHAR2		1	Component	Yes/No field
TRANSFER_TRIBAL	VARCHAR2		1	Component	Yes/No field
LEASE_FEDERAL	VARCHAR2		1	Component	Yes/No field
LEASE_STATE	VARCHAR2		1	Component	Yes/No field
LEASE_LOCAL	VARCHAR2		1	Component	Yes/No field
LEASE_PRIVATE	VARCHAR2		1	Component	Yes/No field
LEASE_TRIBAL	VARCHAR2		1	Component	Yes/No field
LEASE_TERMINATION	VARCHAR2		1	Component	Yes/No field
REVOCATION_OF_LAND	VARCHAR2		1	Component	Yes/No field
OTHER	VARCHAR2		1	Component	Yes/No field
OTHER_DESC	VARCHAR2		60	Component	Text description
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

REGULATORY_DRIVER Table

DESCRIPTION: The REGULATORY_DRIVER Table

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **REF_REGULATORY_DRIVER**
        Foreign Key Columns: **REGULATORY_DRIVER_CODE**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

REGULATORY_DRIVER Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
REGULATORY_DRIVER_CODE	VARCHAR2	FK	2	Component	Pick list: CERCLA, RCRA, RCRA and CERCLA, MMR, Other, None. (See REF_REGULATORY_DRIVER table)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

MMR_SITE_DESCRIPTION Table

DESCRIPTION: The MMR_SITE_DESCRIPTION Table associated with MMRP sites.

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, SOIL_TYPE, TOPOGRAPHY, VEGETATION**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **REF_SOIL_TYPE**
        Foreign Key Columns: **SOIL_TYPE**
    Referenced Table: **REF_TOPOGRAPHY**
        Foreign Key Columns: **TOPOGRAPHY**
    Referenced Table: **REF_VEGETATION**
        Foreign Key Columns: **VEGETATION**
    Referenced Table: **REF_MMR_EXPOSURE_NMBR_BLG**
        Foreign Key Columns: **MMR_EXPOSURE_NMBR_BLG**
    Referenced Table: **REF_MMR_EXPOSURE_STRUCTURE**
        Foreign Key Columns: **MMR_EXPOSURE_STRUCTURE**
    Referenced Table: **REF_MMR_EXPOSURE_LOCATION**
        Foreign Key Columns: **MMR_EXPOSURE_LOCATION**
    Referenced Table: **REF_MMR_SITE_DYNAMICS**
        Foreign Key Columns: **MMR_SITE_DYNAMICS**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

MMR_SITE_DESCRIPTION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
SOIL_TYPE	VARCHAR2	PK/FK	2	Component	Pick list values to include: Sand/Gravel-sand, Sand-silt/Sand-clay, Silt/Silty clay, Clay-sand/Clay-silt, Gravel/Gravel-sand, Clay/Sand with stone, Rock, Water range (see REF_SOIL_TYPE table)
TOPOGRAPHY	VARCHAR2	PK/FK	2	Component	Pick list values to include: Flat, Flat with gorges or gullies, Gently rolling, Heavily rolling, Mountainous, Rolling with gorges or gullies, Water range (see REF_TOPOGRAPHY table)
VEGETATION	VARCHAR2	PK/FK	2	Component	Pick list values to include: Barren or low grass, Heavy grass and many shrubs, Heavy shrubs and trees, Low grass and few shrubs, Shrubs and some trees, Heavily wooded, Water range. (See REF_VEGETATION table)
DRINKING_WATER	VARCHAR2		1	Component	Pick list to include: Actual, potential, no potential, unknown
DEPTH_GRNDWTR_AVG	NUMBER		4	Component	Average depth to groundwater in feet
AREA_ACRES_TOTAL	NUMBER		10,2	Component	Number of total site acres
MMR_ACRES_IDENTIFIED	NUMBER		10,2	Component	Number of total site acres known to have MMR
MMR_ACRES_SUSPECTED	NUMBER		10,2	Component	Number of total site acres suspected to have MMR
MMR_ACRES_NOT_SUSPECTED	NUMBER		10,2	Component	Number of total site acres not suspected to have MMR
MMR_EXPOSURE_NMBR_BLG	VARCHAR2	FK	2	Component	Number of Buildings/structures within a 2-mile exposure radius (see REF_MMR_EXPOSURE_NMBR_BLG table)
MMR_EXPOSURE_DISTANCE	NUMBER		10,2	Component	Estimated distance from MMR to potential exposure (in feet)
MMR_EXPOSURE_STRUCTURE	VARCHAR2	FK	2	Component	Pick list of building/structure types, values include: educational, child, care, residential, hospitals, hotels, shopping centers, commercial, industrial, warehouse, agricultural, detention, correctional, no buildings. (See REF_MMR_EXPOSURE_STRUCTURE table)
MMR_EXPOSURE_LOCATION	VARCHAR2	FK	2	Component	Pick list from RAC criteria, values include: on the surface, within tanks, pipes, vessels, other, inside walls, ceilings, other building, subsurface (see REF_MMR_EXPOSURE_LOCATION table)
MMR_SITE_DYNAMICS	VARCHAR2	FK	2	Component	Pick list from RAC criteria, values include: expected or none

MMR_SITE_DESCRIPTION Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
					anticipated (see REF_MMR_SITE_DYNAMICS table)
MMR_SITE_ACCESSIBILITY	VARCHAR2	FK	2	Component	Pick list from RAC criteria, values include: no barrier or security system, barrier is incomplete, barrier no security, Security no barrier, Isolated site, 24 hour surveillance system and controlled entry (see REF_MMR_SITE_ACCESSIBILITY table)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

MMR_ORDNANCE Table

DESCRIPTION: The MMR_ORDNANCE Table for ordnance associated with MMRP sites.

PRIMARY KEY:
    Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, SOIL_TYPE, TOPOGRAPHY, VEGETATION, ORDNANCE_TYPE**

FOREIGN KEY:
    Referenced Table: **SITE**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**
    Referenced Table: **MMR_SITE_DESCRIPTION**
        Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, SOIL_TYPE, TOPOGRAPHY, VEGETATION**
    Referenced Table: **REF_SERVICE**
        Foreign Key Columns: **RSERVICE_CODE**
    Referenced Table: **REF_SOURCE**
        Foreign Key Columns: **RSOURCE_CODE**
    Referenced Table: **REF_SOIL_TYPE**
        Foreign Key Columns: **SOIL_TYPE**
    Referenced Table: **REF_TOPOGRAPHY**
        Foreign Key Columns: **TOPOGRAPHY**
    Referenced Table: **REF_VEGETATION**
        Foreign Key Columns: **VEGETATION**

SCHEMA: EY only

MMR_ORDNANCE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification Number. (See SITE table)
SITE_ID	VARCHAR2	PK/FK	14	Component	Site identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The Service Code of the Component that has oversight of the site. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies whether the site is assigned to either the BRAC or DERA program. (See REF_SOURCE table)
SOIL_TYPE	VARCHAR2	PK/FK	2	Component	Pick list values to include: Sand/Gravel-sand, Sand-silt/Sand-clay, Silt/Silty clay, Clay-sand/Clay-silt, Gravel/Gravel-sand, Clay/Sand with stone, Rock, Water range (see REF_SOIL_TYPE table)
TOPOGRAPHY	VARCHAR2	PK/FK	2	Component	Pick list values to include: Flat, Flat with gorges or gullies, Gently rolling, Heavily rolling, Mountainous, Rolling with gorges or gullies, Water range (see REF_TOPOGRAPHY table)
VEGETATION	VARCHAR2	PK/FK	2	Component	Pick list to include: Barren or low grass, Heavy grass and many shrubs, Heavy shrubs and trees, Low grass and few shrubs, Shrubs and some trees, Heavily wooded, Water range. (See REF_VEGETATION table)
ORDNANCE_TYPE	VARCHAR2	PK/FK	2	Component	Pick list values, (see REF_ORDNANCE_TYPE table)
CONSTITUENT_FLAG	VARCHAR2		1	Component	Yes/No flag indicating that the contaminant is a chemical residue of munitions.
DENSITY	VARCHAR2	FK	16	Component	Values include: High, Medium, Low (see REF_DENSITY table)
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

RMIS Reference Tables

REF_APPROPRIATION Table

DESCRIPTION: The REF_APPROPRIATION table stores valid Budget appropriation codes, corresponding appropriation descriptions and groups. These codes are used in the BUDGET table to identify the appropriation category funding used.

PRIMARY KEY:
Primary Key Column: **RAPPROPRIATION_CODE**

REF_APPROPRIATION Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RAPPROPRIATION_CODE	VARCHAR2	PK	6	This code represents a corresponding Appropriation action.
RAPPROPRIATION_DESC	VARCHAR2		40	This field contains the corresponding Appropriation description for each Appropriation code.
RAPPROPRIATION_GROUP	VARCHAR2		6	This six-character code represents the Appropriation code group.

REF_APPROPRIATION Table Values		
RAPPROPRIATION_CODE	**RAPPROPRIATION_DESC**	**RAPPROPRIATION_GROUP**
AMMO	Ammunition Procurement	PROC
APAF	Aircraft Procurement, Air Force	PROC
MILCON	Military Construction	MILCON
MPAF	Missile Procurement, Air Force	PROC
O&M	Operations & Maintenance	O&M
OPA	Other Procurement, Army	PROC
OPAF	Other Procurement, Air Force	PROC
OPN	Other Procurement, Navy	PROC
OTHER	Any other funding source	OTHER

REF_BRAC_ROUND Table

DESCRIPTION: The REF_BRAC_ROUND table contains valid BRAC Round codes and corresponding BRAC Round descriptions. The BRAC round code is used to identify the BRAC Round installations and sites are included. NOTE: DERA is included in the RBRAC_ROUND column is required and is used to indicate installations and sites which are not included in the BRAC program.

PRIMARY KEY:
Primary Key Columns: **RBRAC_ROUND_DESC**

REF_BRAC_ROUND Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RBRAC_ROUND_CODE	VARCHAR2		1	This code represents the BRAC Round.
RBRAC_ROUND_DESC	VARCHAR2	PK	4	This field contains the corresponding BRAC Round description for each BRAC Round code.

REF_BRAC_ROUND Table Values	
RBRAC_ROUND_ DESC	**RBRAC_ ROUND_ CODE**
1988	1
1991	2
1993	3
1995	4
DERA	5
BRAC	6

REF_BRAC_TYPE Table

DESCRIPTION: The REF_BRAC_TYPE table contains valid BRAC Type codes and the corresponding BRAC Type descriptions.

PRIMARY KEY:
Primary Key Columns: **RBRAC_TYPE_CODE**

REF_BRAC_TYPE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RBRAC_TYPE_CODE	VARCHAR2	PK	1	This code represents the BRAC Type.
RBRAC_TYPE_DESC	VARCHAR2		80	This field contains the corresponding BRAC Type description for each BRAC Type code.

REF_BRAC_TYPE Table Values	
RBRAC_ TYPE_ CODE	**RBRAC_TYPE_DESC**
C	Closure
M	Major Realignment with property to be transferred out of DoD
R	Realignment other than major

REF_BUDGET_CATEGORY Table

DESCRIPTION: The REF_BUDGET_CATEGORY table stores valid Budget Category codes and corresponding Budget Category descriptions. These codes represent the major categories found in budget submission exhibits.

PRIMARY KEY:
Primary Key Column: **RBUDGET_CATEGORY_CODE**

REF_BUDGET_CATEGORY Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RBUDGET_CATEGORY_CODE	VARCHAR2	PK	4	This code represents a Budget Category.
RBUDGET_CATEGORY_DESC	VARCHAR2		50	This field contains the corresponding Budget Category description for each Budget Category code.

REF_BUDGET_CATEGORY Table Values	
RBUDGET_CATEGORY_CODE	**RBUDGET_CATEGORY_DESC**
BDDR	Building Demolition and Debris Removal
IRP	Installation Restoration Program
OHW	Other Hazardous Waste (Unexploded Ordnance)

REF_BUDGET_RISK Table

DESCRIPTION: The REF_BUDGET_RISK table contains valid Budget Risk codes, corresponding Budget Risk descriptions, and Budget Risk group codes. The RBUDGET_RISK_GROUP corresponds to the categories in the REF_BUDGET_CATEGORY table.

PRIMARY KEY:
   Primary Key Column: **RBUDGET_RISK_CODE**

<table>
<tr><th colspan="5">REF_BUDGET_RISK Table</th></tr>
<tr><th>Column Name</th><th>Data Type</th><th>PK/FK</th><th>Length</th><th>Description</th></tr>
<tr><td>RBUDGET_RISK_CODE</td><td>VARCHAR2</td><td>PK</td><td>2</td><td>This code represents the Budget Risk type.</td></tr>
<tr><td>RBUDGET_RISK_DESC</td><td>VARCHAR2</td><td></td><td>80</td><td>This field contains the corresponding Budget Risk code description for each Budget Risk code.</td></tr>
<tr><td>RBUDGET_RISK_GROUP</td><td>VARCHAR2</td><td></td><td>1</td><td>This field contains the Budget Risk group code.</td></tr>
</table>

RBUDGET_RISK_CODE	RBUDGET_RISK_DESC	RBUDGET_RISK_GROUP
1A	High Relative Risk with Agreements	I
1B	High Relative Risk without Agreements	I
2A	Medium Relative Risk with Agreements	I
2B	Medium Relative Risk without Agreements	I
3A	Low Relative Risk with Agreements	I
3B	Low Relative Risk without Agreements	I
4A	Not Evaluated Risk with Agreements	I
4B	Not Evaluated Risk without Agreements	I
5A	Long Term Operations	I
5B	Long Term Monitoring	I
A	Projects which pay back in 3 or less	O
B	Projects which pay back in 3 – 5 years	O
C	Demonstrations/Validation studies	O
D	Projects which pay back in over 5 years	O
E	Program Management, Manpower, and Training	O
F	Other	O
C1	Imminent Threats to Human Safety	I
C2	Possible Threats to Human Safety	I
C3	Marginal Threats to Human Safety	I
C4	Remote Threats to Human Safety	I
C5	FUDS OEW budget code	I
AB	Imminent threats to Human Safety, Health, or to the Environment	B
BB	Other	B
LT	UNKNOWN ARMY CODE	
NE	UNKNOWN DLA CODE	
NR	UNKNOWN ARMY CODE	
PR	Potentially Responsible Party	I
RA	Recovery Account	I
UN	UNKNOWN	

REF_BUDGET_RISK Table Values

REF_CHF Table

DESCRIPTION: The REF_CHF table contains valid Contaminant Hazard Factor (CHF) codes and corresponding CHF descriptions.

PRIMARY KEY:
Primary Key Column: **RCHF_CODE**

REF_CHF Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCHF_CODE	VARCHAR2	PK	1	This code represents CHF descriptions.
RCHF_DESC	VARCHAR2		20	This field contains the corresponding CHF descriptions for CHF codes.
RCHF_LONG_DESC	VARCHAR2		30	This field contains the CHF long descriptions.
FULL_DESCRIPTION	VARCHAR2		300	This field contains the full description for CHF.

REF_CHF Table Values			
RCHF_CODE	**RCHF_DESC**	**RCHF_LONG_DESC**	**FULL_DESCRIPTION**
1	Significant	Significant; TR > 100	Sum of ratios [maximum concentration/comparison value] > 100
2	Moderate	Moderate; TR in [2,100]	Sum of ratios [maximum concentration/comparison value] = 2 - 100
3	Minimal	Minimal; TR < 2	Sum of ratios [maximum concentration/comparison value] < 2
4	Not Evaluated	Not Evaluated (NE)	Not evaluated or no data provided.
5	No Significant Data	No Significant Data (NSD)	

REF_CLEANUP_MILESTONE Table

DESCRIPTION: The REF_CLEANUP_MILESTONE table contains valid Cleanup Milestone codes and corresponding Cleanup Milestone descriptions.

PRIMARY KEY:
Primary Key Column: **RCLEANUP_MILESTONE_CODE**

REF_CLEANUP_MILESTONE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCLEANUP_MILESTONE_CODE	VARCHAR2	PK	2	This character code represents Cleanup Milestone types.
RCLEANUP_MILESTONE_DESC	VARCHAR2		80	This field contains the corresponding Cleanup Milestone description for each Cleanup Milestone code.

REF_CLEANUP_MILESTONE Table Values	
RCLEANUP_ MILESTONE_CODE	RCLEANUP_MILESTONE_DESC
1	Statement of Work
2	RI/FS Work Plan/Sampling and Analysis Plan
3	Community Relations Plan
4	Engineering Evaluation/Cost Analysis
5	Action Memorandum for a Removal Action
6	RI/RFI Report
7	FS/CMS Report
8	Proposed Plan
9	Record of Decision/Corrective Action Decision Document
10	60% Remedial Design
11	Final Remedial Design
12	Remedial Action Plan (Including O&M Plans and Remedial Action Schedules)
13	Treatability Studies
14	Begin Cleanup
15	Continue Cleanup
16	Complete Cleanup

REF_COMMAND Table

DESCRIPTION: The REF_COMMAND table stores valid Command codes, corresponding Command descriptions, and the Service code to which the MAJOR COMMAND belongs.

PRIMARY KEY:
Primary Key Columns: **RCOMMAND_CODE, RSERVICE_CODE**

FOREIGN KEY:
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**

REF_COMMAND Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCOMMAND_CODE	VARCHAR2	PK	7	This code is assigned to major subdivisions of a Component's mission and is directly subordinate to their respective headquarters.
RSERVICE_CODE	VARCHAR2	PK/FK	4	This code represents a corresponding Service.
RCOMMAND_DESC	VARCHAR2		60	This field contains the Command description for each Command code.

REF_COMMAND Table Values		
RCOMMAND_CODE	**RSERVICE_CODE**	**RCOMMAND_DESC**
CHES	1700	Engineering Field Activity Chesapeake Division
LANT	1700	Atlantic Division
NORTH	1700	Northern Division
NWEST	1700	Engineering Field Activity Northwest Division
PAC	1700	Pacific Division
SOUTH	1700	Southern Division
SWEST	1700	Southwestern Division
WEST	1700	Engineering Field Activity Western Division
AMC	2100	Army Material Command
ARNG	2100	Army National Guard
ATEC	2100	Army Test and Evaluation Command
COE	2100	U.S. Army Corps of Engineers
EUSA	2100	Eighth U.S. Army
FORSCOM	2100	U.S. Army Force Command
HQDA	2100	Headquarters, Department of Army
MDW	2100	Military District, Washington
MEDCOM	2100	U.S. Army Medical Command
MTMC	2100	Military Traffic Management Command
NG	2100	National Guard
OTHER	2100	Other
PEO	2100	Program Execution Office
SMDC	2100	Space and Missile Defense Command
SSDC	2100	Space & Strategic Defense Command
TRADOC	2100	U.S. Army Training and Doctrine Command
USACE	2100	US Army Corps of Engineers
USAR	2100	US Army Reserves
USARC	2100	U.S. Army Reserve Command
USARPAC	2100	U.S. Army Pacific Command
USMA	2100	US Military Academy
ACC	5700	Air Combat Command
ADW	5700	Air Force District Washington
AETC	5700	Air Education and Training Command
AFBCA	5700	Air Force Base Conversion Agency
AFCEE	5700	Air Force Center For Environmental Excellence
AFMC	5700	Air Force Materiel Command
AFRC	5700	Air Force Reserve Command
AFSOC	5700	Air Force Special Operations Command
AFSPC	5700	Air Force Space Command
AMC	5700	Air Mobility Command
ARNG	5700	Air National Guard
ILE	5700	Air Staff, Installation & Logistics/Environment
PACAF	5700	Pacific Air Forces
USAFA	5700	U.S. Air Force Academy
DTRA	9714	Defense Threat Reduction Agency
DDC	9715	Defense Distribution Center

REF_COMMAND Table Values		
RCOMMAND_CODE	**RSERVICE_CODE**	**RCOMMAND_DESC**
DESC	9715	Defense Electronics Supply Center (DESC)
DFSP	9715	Defense Fuel Support Points (DFSP)
DNSC	9715	Defense National Stockpile Center (DNSC)
DSCC	9715	Defense Supply Center-Columbus
DSCP	9715	Defense Supply Center-Philadelphia
DSCR	9715	Defense Supply Center-Richmond
LRD	9799	ADDED BY FUDS
NAD	9799	ADDED BY FUDS
NWD	9799	ADDED BY FUDS
OCD	9799	ADDED BY FUDS
POD	9799	ADDED BY FUDS
SAD	9799	ADDED BY FUDS
SPD	9799	ADDED BY FUDS
SWD	9799	ADDED BY FUDS

REF_CONCENTRATION_UNITS Table

DESCRIPTION: The REF_CONCENTRATION_UNITS table stores valid Unit codes and corresponding Units descriptions.

PRIMARY KEY:
Primary Key Columns: **RCONC_UNITS_CODE**

REF_CONCENTRATION_UNITS Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCONC_UNITS_CODE	VARCHAR2	PK	2	This code represents Unit measurements.
RCONC_UNITS_DESC			20	This field contains the Unit description for each Unit code.

REF_CONCENTRATION_UNITS Table Values	
RCONC_UNITS_CODE	**RCONC_UNITS_DESC**
00	Not Documented
01	ug/l
02	mg/l
03	ug/kg
04	mg/kg
05	mRem/yr
06	pCi/g
07	ppm
08	ppb
09	ppt
10	Fibers/Liter
11	uRem/hr
12	pCi/m2/sec
13	lbs/day
14	Rem/yr
15	ng/l
16	ug/g
20	pCi/l
21	ug/m3
23	f/m3
24	ug/100cm2
25	g/kg
26	%
27	pCi/kg
28	pCi/m3
29	pCi/L
99	Other

REF_CONTAMINANT Table

DESCRIPTION: The REF_CONTAMINANT table contains the Chemical Abstract Service (CAS) number, CAS name, CAS Report names, Contaminant group codes and if the contaminant is defined in the list of contaminants in the RRSE Primer.

PRIMARY KEY:
Primary Key Column: **RCONTAMINANT_CAS_NMBR**

FOREIGN KEY:
Referenced Table: **REF_CONTAMINANT_GROUP**
Foreign Key Columns: **RCONT_GROUP_CODE**

REF_CONTAMINANT Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK	25	This field contains the Contaminant CAS number.
RCONTAMINANT_CAS_NAME	VARCHAR2		100	This field contains the Contaminant CAS name.
RCONTAMINANT_REPORT_NAME	VARCHAR2		40	This field contains the Contaminant CAS Report name.
RCONT_GROUP_CODE	VARCHAR2	FK	2	This field contains the Contaminant group code.

Please see Relative Risk Site Evaluation Primer for table values.

REF_CONTAMINANT_COMPARISON Table

DESCRIPTION: The REF_CONTAMINANT_COMPARISON table contains Contaminant Identification numbers, Media codes, Unit codes, and Contaminant values.

PRIMARY KEY:
Primary Key Column: **RMEDIA_CODE, RCONTAMINANT_ID**

REF_CONTAMINANT_COMPARISON Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Source**	**Description**
RMEDIA_CODE	VARCHAR2	PK	2		This field contains the Media code.
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK	50		This field contains the Contaminant CAS Number.
RCONTAMINANT_CAS_NAME	VARCHAR2		150		This field contains the contaminant name
RCONT_VALUE	NUMBER		19,7		This field contains the Contaminant comparison value.
RCONC_UNITS_CODE	VARCHAR2		2		This field contains the Units code.

Please see Relative Risk Site Evaluation Primer for table values.

REF_CONTAMINANT_GROUP Table

DESCRIPTION: The REF_CONTAMINANT_GROUP table contains valid Contaminant Group codes and corresponding Contaminant Group code descriptions.

PRIMARY KEY:
Primary Key Column: **RCONT_GROUP_CODE**

REF_CONTAMINANT_GROUP Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RCONT_GROUP_CODE	VARCHAR2	PK	2	This code represents corresponding Contaminant Groups.
RCONT_GROUP_DESC	VARCHAR2		40	This field contains the corresponding Contaminant Group description for each Contaminant Group code.

REF_CONTAMINANT_GROUP Table Values	
RCONT_GROUP_CODE	**RCONT_GROUP_DESC**
00	No Group Identified
01	ACIDS
02	BASE NEUTRAL ACIDS
03	PAH
04	DIOXINS/DIBENZOFURANS
05	INORGANICS
06	METALS
07	NITRATE/NITRITE
08	NOT PROVIDED
09	ORGANICS
10	VOC
11	PESTICIDES
12	PETROLEUM HYDROCARBON
13	CARCINOGENS
14	CEMENT KILN DUST
15	DISSOLVED SOLIDS (TOTAL)
16	FLAMMABLES
17	RADIOACTIVE
18	LEACHATE
19	NITROAROMATICS
20	NON-CARCINOGENS
21	OIL & GREASE
22	ORGANIC & INORGANIC LIQUID SLUDGE
23	OXIDIZERS
24	PETROLEUM NAPTHAS
25	REACTIVES
26	UNKNOWN LIQ WASTE
27	PCBs

REF_DENSITY Table

DESCRIPTION: The REF_DENSITY table contains codes for describing the density values of Low, Medium, and High.

PRIMARY KEY:
Primary Key Columns: **DENSITY**

REF_DENSITY Table Values	
DENSITY	**DENSITY _DESC**
Low	Low (<10 items per acre)
Medium	Medium (10-50 items per acre)
High	High (>50 items per acre)
Unknown	Unknown

REF_ELIGIBILITY Table

DESCRIPTION: The REF_ELIGIBILITY table contains codes that identify funding eligibility status as described in tables 1, 2, and 3 of the DERP Management Guidance.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **ELIGIBILITY**

REF_ELIGIBILITY Table Values	
ELIGIBILITY	**ELIGIBILITY _DESC**
01	Active: Installation Restoration program category activities at sites where the release occurred prior to October 17, 1986.[3]
02	Active: Installation Restoration program category activities at sites where the release occurred between October 17, 1986, and September 30, 2000, and where the site was identified and included in the RMIS prior to September 30, 2000.
03	Active: Installation Restoration program category activities involving military munitions (i.e., UXO or WMM) or the chemical residues of munitions activities where: • The release occurred prior to September 30, 2000; and • The site release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit; and The site was identified and included in the RMIS prior to September 30, 2000, and was not classified as "response complete."
04	Active: Military Munitions Response program category activities where: the release occurred prior to September 30, 2002; the release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit that operated after September 30, 2002, and the site was not identified or included in the RMIS prior to September 30, 2000.
05	Active: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are an integral part of actions under the Installation Restoration or Military Munitions Response program categories
06	Active: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are not an integral part of actions under the Installation Restoration or Military Munitions Response program categories. Components must be granted approval by ODUSD (I&E) to before funds may be programmed.
07	BRAC: Installation Restoration program category activities at sites where the release occurred prior to October 17, 1986.
08	BRAC: Installation Restoration program category activities at sites where the release occurred between October 17, 1986, and September 30, 2000, and where the site was identified and included in the RMIS prior to September 30, 2000.
09	BRAC: Installation Restoration program category activities involving military munitions (i.e., UXO or WMM) or the chemical residues of munitions activities where: • The release occurred prior to September 30, 2000; and • The release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit; and The site was identified and included in the RMIS prior to September 30, 2000, and was not classified as "response complete."
10	BRAC: Military Munitions Response program category activities where: the release occurred prior to September 30, 2002; the release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit that operated after September 30, 2002, and the site was not identified or included in the RMIS prior to September 30, 2000.
11	BRAC: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are an integral part of actions under the Installation Restoration or Military Munitions Response program categories.
12	BRAC: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are not an integral part of actions under the Installation Restoration or Military Munitions Response program categories. Components must be granted approval by ODUSD (I&E) to before funds may be programmed.
13	FUDS: Installation Restoration program category activities at sites where: • The release occurred prior to October 17, 1986; and • The property was transferred from DoD control prior to October 17, 1986; and The property or project meets other ER-FUDS eligibility criteria.
14	FUDS: Military Munitions Response program category activities where: • The release occurred prior to October 17, 1986; and • The property was transferred from DoD control prior to October 17, 1986; and The property or project meets other ER-FUDS eligibility criteria.
15	FUDS: Building Demolition/Debris Removal program category activities to address

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[3] October 17, 1986, is the effective date of SARA, the law that amended CERCLA and established DERP.

REF_ELIGIBILITY Table Values	
ELIGIBILITY	**ELIGIBILITY _DESC**
	unsafe buildings or other structures: • Unsafe buildings or structures unused since October 17, 1986, where: • The property was transferred from DoD's control prior to October 17, 1986; and • The property or project meets other ER-FUDS funding eligibility criteria; and The requirement to demolish the building or structure is an integral part of activities under the Installation Restoration or Military Munitions Response program categories.
16	FUDS: Building Demolition/Debris Removal program category activities to address unsafe buildings or other structures: • Unused since October 17, 1986, and • The property was transferred from DoD control prior to October 17, 1986; and • The property or project meets other ER- FUDS eligibility criteria; and • The unsafe condition was present when the property was transferred from DoD control; and No subsequent owner of the property has made beneficial use of the building or structure.

REF_FIVE_YEAR_REVIEW Table

DESCRIPTION: The REF_FIVE_YEAR_REVIEW table contains codes that identify five-year review status.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **FIVE_YEAR_REVIEW**

REF_FIVE_YEAR_REVIEW Table Values	
FIVE_YEAR_REVIEW	**FIVE_YEAR_REVIEW _DESC**
U	Five-year review underway
C	Five-year review completed
F	Five-year review planned for future
FC	Five-year review completed and planned for future
UC	Five-year review completed and currently underway
UF	Five-year review underway and planned for future

REF_IMPACT Table

DESCRIPTION: The REF_IMPACT table stores valid Impact codes and corresponding Impact descriptions.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **RIMPACT_CODE**

REF_IMPACT Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RIMPACT_CODE	VARCHAR2	PK	4	This code represents Impact types.
RIMPACT_DESC	VARCHAR2		20	This field contains the corresponding Impact description for each Impact code.

REF_IMPACT Table Values	
RIMPACT_ CODE	**RIMPACT_DESC**
CONT	Contracting
FUND	Funding
PERS	Personnel
REG	Regulatory
TECH	Technical

REF_IRP_GROUP Table

DESCRIPTION: The REF_IRP_GROUP table contains valid IRP group codes and corresponding IRP group descriptions.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **RIRP_GROUP_CODE**

REF_IRP_GROUP Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RIRP_GROUP_CODE	VARCHAR2	PK	1	This code represents a corresponding IRP group type.
RIRP_GROUP_DESC	VARCHAR2		40	This field contains the corresponding IRP group description for each IRP group code.

REF_IRP_GROUP Table Values	
RIRP_GROUP_CODE	**RIRP_GROUP_DESC**
a	Program management and support
b	Hazardous and petroleum waste

REF_LEGAL_DRIVER Table

DESCRIPTION: The REF_LEGAL_DRIVER table contains valid Legal Driver codes and corresponding Legal Driver descriptions.

PRIMARY KEY:
Primary Key Column: **RLEGAL_DRIVER_CODE**

REF_LEGAL_DRIVER Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RLEGAL_DRIVER_CODE	VARCHAR2	PK	1	This code represents the Legal Driver.
RLEGAL_DRIVER_DESC	VARCHAR2		80	This field contains the corresponding Legal Driver description for each Legal Driver code.

REF_LEGAL_DRIVER Table Values	
RLEGAL_DRIVER_ CODE	**RLEGAL_DRIVER_DESC**
A	FFA/IAG at NPL Sites
B	IAG at non-NPL Sites
C	RCRA Permits with Corrective Action
D	RCRA Corrective Action Orders
E	Consent Orders under State Laws
F	Memoranda of Understanding
G	Memoranda of Agreement commitments (e.g. DSMOA)
H	Notice of Violation Requirement
I	ATSDR related requirement (e.g. response to health advisory)
J	Natural Resource Trustee related requirements claim
K	Court ordered requirements (in case of litigation)
L	Imminent threats
M	Consent Decree (usually third party sites)
N	Unilateral Orders (usually third party sites)
O	Preliminary Assessments of Installations listed on Docket
P	Remedial Action Operations for in-place systems at installations without agreements
Q	State laws and regulation requiring a response within
R	Congressional/Owner Concern (FUDS only)
S	Building Demo/Debris Removal (FUDS only)
T	Ordnance and Explosive Waste RAC 1-2 (FUDS only)
U	Ordnance and Explosive Waste RAC 3-4 (FUDS only)
V	Long Term Monitoring after Response Complete
Z	No Legal Driver

REF_LUC_TYPE Table

DESCRIPTION: The REF_LUC_TYPE table contains valid land use controls.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **LUC_TYPE**

REF_LUC_TYPE Table Values	
LUC_TYPE	**LUC_TYPE_DESC**
01	None specified
02	Affirmative covenants
03	Affirmative easements appurtenant
04	Affirmative easements in gross
05	Building Codes
06	Construction permit
07	Dig permits
08	Deed restrictions
09	Deed notices
10	Education programs
11	Equitable servitude
12	Fences
13	Guards
14	Hazardous substance easement
15	Local Use ordinances
16	Markers
17	Negative easements in gross
18	Notations in master plan
19	Notices
20	Public Advisories
21	Restrictions on groundwater withdrawal
22	Restrictions on land use
23	Restrictive covenants
24	Signs
25	Zoning

REF_LUC_USE_RESTRICTION Table

DESCRIPTION: The REF_LUC_USE_RESTRICTION table contains valid land use control use restrictions.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **LUC_USE_RESTRICTION**

REF_LUC_USE_RESTRICTION Table Values	
LUC_USE_RESTRICTION	**LUC_USE_RESTRICTION_DESC**
01	None specified
02	Restrict land use – No residential use
03	Restrict land use – No daycare/hospital/school use
04	Restrict land use – Mitigation area(s) protection
05	Media specific restriction – prohibit use of groundwater for consumption or domestic purposes
06	Media specific restriction – restrict withdrawal or use of groundwater w/out treatment
07	Media specific restriction – restrict drinking water well installation
08	Media specific restriction – restrict withdrawal or use of groundwater for agricultural/irrigation purposes
09	Media specific restriction – Prohibit groundwater extraction that interferes with Remedial Action system
10	Media specific restriction – Prohibit swimming and/or wading
11	Media specific restriction – Prohibit fishing except for recreational purposes (catch and release)
12	Media specific restriction – Restrict activities in surface water that result in contact with contaminated bottom

	sediments such as boating, diving, and swimming
13	Media specific restriction – Prohibit, or otherwise manage excavation below a specified depth
14	Media specific restriction – Prohibit, or otherwise manage excavation
15	Media specific – Prohibit activities that results in contact with contaminated sediments
16	Landfill restriction – Prohibit excavation on LF cap or cover system
17	Landfill restriction – Restrict vehicular traffic
18	Landfill restriction – Restrict access to the site
19	Landfill restriction – Restrict plantings that interfere LF cap or cover system (roots that penetrate the cap or cover system)
20	Landfill restriction – Restrict construction of buildings that may interfere with LF cap or cover system
21	Landfill restriction – Prohibit installation of utility system lines through the site
22	Landfill restriction – Prohibit activities that would impact the LF cap (or cover system) and drainage system

REF_LUC_RESPONSIBILITY Table

DESCRIPTION: The REF_LUC_RESPONSIBILITY table contains valid choices for the organization within the Installation or other organization responsible for management, maintenance, and monitoring of LUC.

PRIMARY KEY:
Primary Key Column: **LUC_RESPONSIBILITY_TYPE**

REF_LUC_DOCUMENTATION_TYPE Table Values	
LUC_RESPONSIBILITY_TYPE	**LUC_ RESPONSIBILITY_DESC**
01	None specified
02	Army
03	Navy
04	Air Force
05	DLA
06	DTRA
07	FUDS
08	Department of Interior
09	Bureau of Land Management
10	Department of Energy
11	City
12	County
13	State
14	EPA
15	Department of Transportation
16	Fish and Wildlife Service
17	General Services Administration
18	Local Redevelopment Authority
19	U.S. Coast Guard
20	USACE District
21	Major Subordinate Command
22	Installation
23	Other Federal Entity
24	Oversight
25	Tribal Government
26	Trust
27	Other Service Entity

REF_LUC_MONITORING_FREQUENCY_TYPE Table

DESCRIPTION: The REF_LUC_MONITORING_FREQUENCY_TYPE table contains valid choices for LUC monitoring frequency.

PRIMARY KEY:
Primary Key Column: **LUC_MONITORING_FREQUENCY_TYPE**

REF_LUC_MONITORING_FREQUENCY_TYPE Table Values	
LUC_MONITORING_FREQUENCY_TYPE	**LUC_ MONITORING_FREQUENCY _DESC**
01	Daily
02	Weekly
03	Bi-Monthly
04	Monthly
05	Quarterly
06	Bi-annually
07	Annually
08	Every five years
09	Other
10	Schedule not defined

REF_MEDIA Table

DESCRIPTION: The REF_MEDIA table contains valid Media type codes, corresponding Media descriptions, and Media group information.

PRIMARY KEY:
    Primary Key Columns: **RMEDIA_CODE**

REF_MEDIA Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RMEDIA_CODE	VARCHAR2	PK	2	This code refers to Media types.
RMEDIA_DESC	VARCHAR2		20	This field contains Media descriptions.
RMEDIA_GROUP	VARCHAR2		20	This field contains Media group information.

REF_MEDIA Table Values		
RMEDIA_CODE	**RMEDIA_ DESC**	**RMEDIA_GROUP**
GW	Groundwater	Groundwater
SE	Sed_Eco	Sediment
SF	Sed_Fresh	Sediment
SH	Sed_Human	Sediment
SL	Soil	Soil
SM	Sed_Marine	Sediment
SW	Surface Water	Surface Water
WE	SW_Eco	Surface Water
WF	SW_Fresh	Surface Water
WH	SW_Human	Surface Water
WM	SW_Marine	Surface Water

REF_MPF Table

DESCRIPTION: The REF_MPF table stores valid Migration Pathway Factor (MPF) codes and corresponding MPF descriptions.

PRIMARY KEY:
    Primary Key Column: **RMPF_CODE**

REF_MPF Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RMPF_CODE	VARCHAR2	PK	1	This code represents the MPF.
RMPF_DESC	VARCHAR2		20	This field contains the corresponding MPF description for each MPF code.

REF_MPF Table Values		
RMPF_CODE	**RMPF_DESC**	**Explanation**
1	Evident	Analytical data or observable evidence that contamination in the media (GW is moving or has moved away) is present at, is moving toward, or has moved to a point of exposure.
2	Potential	Contamination in the media has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.
3	Confined	Information indicates a low potential for contaminant migration from the source to a potential point of exposure (could be due to presence of geological structures or physical controls)
4	Not Evaluated	Not Evaluated (NE)

REF_MMR_EXPOSURE_NMBR_BLG Table

DESCRIPTION: The REF_MMR_EXPOSURE_NMBR_BLG table contains codes for identifying the number of buildings/structures within a 2-mile exposure radius.

PRIMARY KEY:
Primary Key Columns: **MMR_EXPOSURE_NMBR_BLG**

REF_MMR_EXPOSURE_NMBR_BLG Table Values		
MMR_EXPOSURE _NMBR_ BLG	**MMR_EXPOSURE_NMBR_ BLG _DESC**	**HAZARD_PROBABILITY_VALUE**
01	0	0
02	1 to 5	1
03	6 to 10	2
04	11 to 15	3
05	16 to 25	4
06	26 and over	5

REF_MMR_EXPOSURE_STRUCTURE Table

DESCRIPTION: The REF_MMR_EXPOSURE_STRUCTURE table contains codes for identifying the types of buildings/structures.

PRIMARY KEY:
Primary Key Columns: **MMR_EXPOSURE_STRUCTURE**

REF_MMR_EXPOSURE_STRUCTURE Table Values		
MMR_EXPOSURE _STRUCTURE	**MMR_EXPOSURE_STRUCTURE _DESC**	**HAZARD_PROBABILITY_VALUE**
01	Educational	5
02	Child care	5
03	Residential	5
04	Hospitals	5
05	Hotels	5
06	Shopping Centers	5
07	Commercial	5
08	Industrial	4
09	Warehouse	4
10	Agricultural	3
11	Detention	2
12	Correctional	2
13	No buildings	0

REF_MMR_EXPOSURE_LOCATION Table

DESCRIPTION: The REF_MMR_EXPOSURE_LOCATION table contains codes for identifying the types of location.

REF_MMR_EXPOSURE_LOCATION Table Values		
MMR_EXPOSURE _LOCATION	**MMR_EXPOSURE_LOCATION _DESC**	**HAZARD_PROBABILITY_VALUE**
01	Surface	5
02	Within tanks	4
03	Pipes	4
04	Vessels	4
05	Other	4
06	Inside walls	3
07	Ceilings	3
08	Other Building	3
09	Subsurface	2

REF_MMR_SITE_ACCESSIBILITY Table

DESCRIPTION: The REF_MMR_**SITE_ACCESSIBILITY** table contains codes for identifying the types of location.

REF_MMR_SITE_ACCESSIBILITY Table Values		
MMR_SITE_ACCESSIBILITY	**MMR_SITE_ACCESSIBILITY _DESC**	**HAZARD_PROBABILITY_VALUE**
01	No Barrier and no security	5
02	Barrier is incomplete and no security	4
03	Barrier complete and no security	3
04	Security and no barrier	2
05	Isolated Site	1
06	24 hour surveillance system and controlled entry at all times	0

REF_MMR_SITE_DYNAMICS Table

DESCRIPTION: The REF_MMR_SITE_DYNAMICS table contains codes for identifying the site dynamics.

REF_MMR_SITE_DYNAMICS Table Values		
MMR_SITE_DYN AMICS	**MMR_SITE_DYNAMICS _DESC**	**HAZARD_PROBABILITY_VALUE**
01	Expected	5
02	None anticipated	0

REF_NATURAL_CULTURAL Table

DESCRIPTION: The REF_NATURAL_CULTURAL table contains codes for corresponding natural and/or culturally sensitive impacts.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **NATURAL_CULTURAL_SENSITIVE**

REF_NATURAL_CULTURAL Table Values	
NATURAL_CULTURAL_SENSITIVE	**NATURAL_CULTURAL_SENSITIVE_DESC**
1	Natural resource impacted
2	Cultural resource impacted
3	Environmentally sensitive area impacted
4	Natural, Cultural, and Environmentally sensitive area impacted

REF_NPL_STATUS Table

DESCRIPTION: The REF_NPL_STATUS table contains valid National Priority List (NPL) status codes and corresponding NPL descriptions.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **RNPL_STATUS_CODE**

REF_NPL_STATUS Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RNPL_STATUS_CODE	VARCHAR2	PK	1	This code represents a corresponding National Priority List (NPL) status.
RNPL_STATUS_DESC	VARCHAR2		40	This field contains the NPL status description for each NPL status code.

REF_NPL_STATUS Table Values	
RNPL_STATUS_CODE	**RNPL_STATUS_DESC**
A	Site is Part of NPL Site
D	Deleted from the Final NPL
F	Currently on the Final NPL
L	ADDED BY FUDS
N	Not on the NPL
O	Not Valid Site or Incident
P	Proposed for NPL
R	Removed from Proposed NPL
S	Pre-proposal Site
Y	Currently on the Final NPL

REF_ORDNANCE_TYPE Table

DESCRIPTION: The REF_ORDNANCE_TYPE table contains valid codes for identifying the type of ordnance.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **ORDNANCE_TYPE**

ORDNANCE_TYPE	ORDNANCE_TYPE_DESC	ORDNANCE_CATEGORY	HAZARD_SEVERITY_VALUE
	REF_ORDNANCE_TYPE Table Values		
01	Medium/Large Caliber (20mm and larger)	Conventional Ordnance and ammunition	10
02	Explosive grenades (hand or rifle)	Conventional Ordnance and ammunition	10
03	Explosive landmine	Conventional Ordnance and ammunition	10
04	Explosive rockets	Conventional Ordnance and ammunition	10
05	Guided missile	Conventional Ordnance and ammunition	10
06	Explosive detonators	Conventional Ordnance and ammunition	6
07	Blasting caps	Conventional Ordnance and ammunition	6
08	Practice grenades (with spotting charges)	Conventional Ordnance and ammunition	4
09	Practice landmines (with spotting charges)	Conventional Ordnance and ammunition	4
10	Small arms complete (.22-.50 cal)	Conventional Ordnance and ammunition	1
11	Small arms, expended	Conventional Ordnance and ammunition	0
12	Practice ordnance (without spotting charges)	Conventional Ordnance and ammunition	0
13	White phosphorous	Pyrotechnics	10
14	Incendiary material	Pyrotechnics	6
15	Primary or initiating explosives	Bulk High Explosives	10
16	Demolition charges	Bulk High Explosives	10
17	Secondary explosives (PETN, Compositions A, B, C, Tetryl, TNT, RDX, HMX, HBX, Black Powder, etc.)	Bulk High Explosives	8
18	Military dynamite	Bulk High Explosives	6
19	Less sensitive explosives (AmmoniumNitrate, Explosives D, etc.)	Bulk High Explosives	3
20	Solid or liquid propellants	Bulk Propellants	6
21	Toxic chemical agents (choking, nerve, blood, blister)	Chemical Warfare Material and Radiological Weapons	25
22	War gas identification sets	Chemical Warfare Material and Radiological Weapons	20
23	Radiological ordnance (e.g., depleted Uranium)	Chemical Warfare Material and Radiological Weapons	15
24	Riot control agents (vomiting, tear)	Chemical Warfare Material and Radiological Weapons	5
25	Bombs (explosive)	Conventional Ordnance and ammunition	10
26	Bombs (practice)	Conventional Ordnance and ammunition	6
27	Fuses, Boosters, Bursters	Conventional Ordnance and ammunition	6
28	Flares, signals, and simulators (other than white phosphorous)	Pyrotechnics	4
29	Torpedoes/Sea Mines	Bulk High Explosives	10

REF_PENALTY Table

DESCRIPTION: The REF_PENALTY table stores valid Penalty codes and corresponding Penalty descriptions.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **RPENALTY_CODE**

REF_PENALTY Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RPENALTY_CODE	VARCHAR2	PK	1	This code represents Penalty types.
RPENALTY_DESC	VARCHAR2		40	This field contains the corresponding Penalty description for each Penalty code.

REF_PENALTY Table Values	
RPENALTY_CODE	**RPENALTY_DESC**
A	Stipulated penalties assessed
D	Stipulated penalties on dispute
N	Stipulated penalties not assessed
P	Stipulated penalties proposed

REF_PHASE Table

DESCRIPTION: The REF_PHASE table stores valid Phase codes, corresponding Phase descriptions, Phase group codes, and Sort codes.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **RPHASE_CODE**

<u>**FOREGIN KEY:**</u>
Reference Table: **REF_PHASE_GROUP**
Foreign Key Column: **RPHASE_GROUP_CODE**

REF_PHASE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RPHASE_CODE	VARCHAR2	PK	7	This code represents corresponding Phases.
RPHASE_DESC	VARCHAR2		80	This field contains the Phase code description for each Phase code.
RPHASE_GROUP_CODE	VARCHAR2	FK	1	This field contains the Phase group code.
RPHASE_SORT	NUMBER		2	This field contains the Sort code used for reporting purposes.
REF_PHASE_CAT	VARCHAR2		15	This field contains the Phase Category information.
BTABLE_CAT	VARCHAR2		4	This field contains the BTABLE Category
APPENDIX_A_CAT	VARCHAR2		15	This field contains the ARC Appendix A Category

REF_PHASE Table Values						
RPHASE_CODE	**RPHASE_DESC**	**RPHASE_GROUP_CODE**	**RPHASE_SORT**	**REF_PHASE_CAT**	**BTABLE_CAT**	**APPENDIX_A_CAT**
ATSDR	Agency for Toxic Substances and Disease Registry	J		Management		Management
BDDR	Building Demolition/Debris Removal	L	12	BDDR	4CLP	Cleanup
CAP	Corrective Action Plan	B	4	Analysis	1INV	Analysis
CMI	Corrective Measures Implementation	E		Cleanup		Cleanup
DSMOA	Defense and State Memorandum of Agreement	I		Management		Management
EE/CA	Engineering Evaluation/Cost Analysis	B	5	Analysis	1INV	Analysis
EPA	Environmental Protection Agency	Q		Management		Management
FINES	Fines	K		Management		Management
FRA	Interim Action	C	8	Cleanup		Final Action
IMP	IMP	P		Cleanup		Cleanup
IRA	Interim Remedial Action	C	7	Cleanup	2IRA	Interim Action
LTM	Long Term Monitoring	G	16	LTM	6LTM	Cleanup
LTO	Long Term Operations	F	13	LTO	5LTO	Cleanup
MGMT	Management	M		Management		Management
O&M	Operations and Maintenance	F	15	LTO/LTM	6LTM	Cleanup
OTHER	Other (Non-Phase Specific)	O		Management		Management
PA	Preliminary Assessment	A	1	Analysis	1INV	Analysis
PA/SI	Preliminary Assessment/Site Inspection	A	3	Analysis	1INV	Analysis
PCO	Project Close Out	G	18	Cleanup	6LTM	Cleanup
PN	Project Negotiation (FUDS only)	E	10	Cleanup	4CLP	Cleanup
PRP	Potentially Responsible Party	H		PRP	4CLP	Cleanup
RA	Remedial Action	E	11	Cleanup	4CLP	Cleanup
RA-C	Remedial Action - Construction	E	12	Cleanup	4CLP	Cleanup
RA-O	Remedial Action - Operations	F	14	LTO	5LTO	Cleanup
RAB	Restoration Advisory Board			Management		Management
RD	Remedial Design	D	9	Cleanup	3DES	Cleanup
RI/FS	Remedial Investigation/Feasibility Study	B	6	Analysis	1INV	Analysis

<table>
<tr><td colspan="8" align="center">REF_PHASE Table Values</td></tr>
<tr>
<th>RPHASE_
CODE</th>
<th>RPHASE_DESC</th>
<th>RPHASE_GROUP_
CODE</th>
<th>RPHASE_
SORT</th>
<th>REF_PHASE_
CAT</th>
<th>BTABLE_
CAT</th>
<th>APPENDIX_
A_CAT</th>
</tr>
<tr><td>SI</td><td>Site Inspection</td><td>A</td><td>2</td><td>Analysis</td><td>1INV</td><td>Analysis</td></tr>
<tr><td>Study</td><td>Investigation</td><td>A</td><td>1</td><td>Analysis</td><td>1INV</td><td>Analysis</td></tr>
<tr><td>TAPP</td><td>Added by FUDS</td><td></td><td></td><td>Management</td><td></td><td>Management</td></tr>
<tr><td>UXO</td><td>Unexploded Ordinance</td><td>R</td><td>17</td><td>UXO</td><td>1INV</td><td>Analysis</td></tr>
<tr><td>UXO-RI</td><td>Unexploded Ordinance Remedial Investigation</td><td>R</td><td>17</td><td>UXO</td><td></td><td>Analysis</td></tr>
<tr><td>WRKYR</td><td>Work Year</td><td>N</td><td></td><td>Management</td><td></td><td>Management</td></tr>
</table>

REF_PHASE_GROUP Table

DESCRIPTION: The REF_PHASE_GROUP table stores valid Phase group codes and corresponding Phase group descriptions.

PRIMARY KEY:
Primary Key Columns: **RPHASE_GROUP_CODE**

<table>
<tr><td colspan="5" align="center">REF_PHASE_GROUP Table</td></tr>
<tr>
<th>Column Name</th>
<th>Data Type</th>
<th>PK/FK</th>
<th>Length</th>
<th>Description</th>
</tr>
<tr><td>RPHASE_GROUP_CODE</td><td>VARCHAR2</td><td>PK</td><td>1</td><td>This code represents Phase group types.</td></tr>
<tr><td>RPHASE_GROUP_DESC</td><td>VARCHAR2</td><td></td><td>55</td><td>This field contains the corresponding Phase group descriptions for each Phase group code.</td></tr>
</table>

<table>
<tr><td colspan="2" align="center">REF_PHASE_GROUP Table Values</td></tr>
<tr>
<th>RPHASE_ GROUP_ CODE</th>
<th>RPHASE_GROUP_DESC</th>
</tr>
<tr><td>A</td><td>ASSESSMENTS</td></tr>
<tr><td>B</td><td>ANALYSIS/INVESTIGATION</td></tr>
<tr><td>C</td><td>INTERIM ACTIONS</td></tr>
<tr><td>D</td><td>REMEDIAL DESIGNS</td></tr>
<tr><td>E</td><td>REMEDIAL ACTION CONSTRUCTION</td></tr>
<tr><td>F</td><td>LONG TERM OPERATIONS</td></tr>
<tr><td>G</td><td>LONG TERM MONITORING</td></tr>
<tr><td>H</td><td>POTENTIALLY RESPONSIBLE PARTY</td></tr>
<tr><td>I</td><td>EFENSE AND STATE MEMEORANDUM OF AGREEMENT</td></tr>
<tr><td>J</td><td>AGENCY FOR TOXIC SUSBSTANCES AND DISEASE REGISTRY</td></tr>
<tr><td>K</td><td>FINES</td></tr>
<tr><td>L</td><td>BUILDING DEMOLITION/DEBRIS REMOVAL</td></tr>
<tr><td>M</td><td>MANAGEMENT</td></tr>
<tr><td>N</td><td>WORKYEAR</td></tr>
<tr><td>O</td><td>OTHER</td></tr>
<tr><td>P</td><td>IMP</td></tr>
<tr><td>Q</td><td>ENVIRONMENTAL PROTECTION AGENCY</td></tr>
<tr><td>R</td><td>UXO</td></tr>
</table>

REF_PHASE_STATUS Table

DESCRIPTION: The REF_PHASE_STATUS table contains valid Phase Status codes and corresponding Phase Status descriptions.

PRIMARY KEY:
Primary Key Columns: **RPHASE_STATUS_CODE**

REF_PHASE_STATUS Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RPHASE_STATUS_CODE	VARCHAR2	PK	1	This code represents the Phase Status.
RPHASE_STATUS_DESC	VARCHAR2		30	This field contains the corresponding Phase Status description for each Phase Status code.

REF_PHASE_STATUS Table Values	
RPHASE_ STATUS_ CODE	**RPHASE_STATUS_DESC**
C	Action Completed
F	Planned for Future Action
U	Underway

REF_PROGRAM_FUND_CODE Table

DESCRIPTION: The REF_PROGRAM_FUND_CODE table contains valid codes indicating whether a site is an IRP, MMRP, or BD/DR site.

PRIMARY KEY:
Primary Key Columns: **PROGRAM_FUND_CODE**

REF_PROGRAM_FUND_CODE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
PROGRAM_FUND_CODE	VARCHAR2	PK	1	This code represents the program fund code.
PROGRAM_FUND_CODE _DESC	VARCHAR2		30	This field contains the corresponding description for each code.

REF_PROGRAM_FUND_CODE Table Values	
PROGRAM_FUND_CODE	**PROGRAM_FUND_CODE _DESC**
I	IRP site
M	MMRP site
B	BD/DR site
U	UXO site incidental to the IRP program, treated as an IRP site.

REF_RAB_ACTIVITY Table

DESCRIPTION: The REF_RAB_ACTIVITY table contains valid Restoration Advisory Board (RAB) Activity codes and corresponding RAB Activity descriptions.

PRIMARY KEY:
    Primary Key Columns: **RRAB_ACTIVITY_CODE**

REF_RAB_ACTIVITY Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RRAB_ACTIVITY_CODE	VARCHAR2	PK	1	This code represents a corresponding RAB Activity.
RRAB_ACTIVITY_DESC	VARCHAR2		80	This field contains the RAB Activity description for each RAB Activity code.

REF_RAB_ACTIVITY Table Values	
RRAB_ACTIVITY_CODE	**RRAB_ACTIVITY_DESC**
A	Reviewed plans and technical documents
B	Provided comments or advice
C	Received training
D	Established operating procedures
E	Participated in or reviewed site relative risk evaluations
F	Provided advice that affected scope or schedule of studies/cleanup
G	Improved installation credibility
H	Established partnerships among stakeholders
I	Developed "how to" information or lessons learned

REF_RAB_ADVICE Table

DESCRIPTION: The REF_RAB_ADVICE table stores valid Restoration Advisory Board (RAB) Advice codes and corresponding RAB Advice descriptions.

PRIMARY KEY:
    Primary Key Columns: **RRAB_ADVICE_CODE**

REF_RAB_ADVICE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RRAB_ADVICE_CODE	VARCHAR2	PK	1	This code represents Restoration Advisory Board (RAB) Advice actions.
RRAB_ADVICE_DESC	VARCHAR2		30	This field contains the corresponding RAB Advice description for each RAB Advice code.

REF_RAB_ADVICE Table Values	
RRAB_ADVICE_CODE	**RRAB_ADVICE_DESC**
A	Scope of studies
B	Work plan priorities
C	Site priorities
D	Relative risk evaluation
E	Remedy selection
F	Study or cleanup schedule
G	Future land use
H	Other

REF_RAB_COMMUNITY_REP Table

DESCRIPTION: The REF_RAB_COMMUNITY_REP table stores valid Restoration Advisory Board (RAB) Community Representative codes and corresponding RAB Community Representative descriptions.

PRIMARY KEY:
   Primary Key Column: **RRAB_COMMUNITY_REP_CODE**

REF_RAB_COMMUNITY_REP Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RRAB_COMMUNITY_REP_CODE	VARCHAR2	PK	1	This code represents Restoration Advisory Board Community Representative types.
RRAB_COMMUNITY_REP_DESC	VARCHAR2		40	This field contains the corresponding Restoration Advisory Board Representative descriptions for each RAB Community Representative type.

REF_RAB_COMMUNITY_REP Table Values	
RRAB_COMMUNITY_REP_CODE	**RRAB_COMMUNITY_REP_DESC**
A	Local residents/community members
B	Installation residents
C	Local environmental groups/activists
D	Business community
E	Low income and minority
F	Local government officials
G	Other

REF_RAB_NOT_NEEDED Table

DESCRIPTION: The REF_RAB_NOT_NEEDED table contains valid Restoration Advisory Board (RAB) not needed codes and corresponding RAB not needed descriptions.

PRIMARY KEY:
   Primary Key Columns: **RRAB_NOT_NEEDED_CODE**

REF_RAB_NOT_NEEDED Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RRAB_NOT_NEEDED_CODE	VARCHAR2	PK	1	This code represents RAB not needed types.
RRAB_NOT_NEEDED_DESC	VARCHAR2		100	This field contains the corresponding RAB not needed description for each RAB not needed code.

REF_RAB_NOT_NEEDED Table Values	
RRAB_NOT_ NEEDED_CODE	**RRAB_NOT_NEEDED_DESC**
A	Installation located in remote area, no affected community
B	Commander or other DoD Component official has determined that a RAB is not needed
C	No sufficient, sustained community interest in a RAB has been expressed by the community
D	Lack of outstanding cleanup issues or activities does not warrant establishment of a RAB
E	Installation or tenant activity is supported by another RAB
F	DoD does not have cleanup lead at site (e.g., FUDS)
G	Installation has not attempted to establish a RAB
H	TRC Operating (no RAB by choice)
Z	RAB Established

REF_RAC_CODE Table

DESCRIPTION: The REF_RAC_CODE table contains codes for valid RAC scores for UXO sites.

<u>**PRIMARY KEY:**</u>
   Primary Key Columns: **RAC_CODE**

REF_RAC_CODE Table Values	
RAC_CODE	**RAC_CODE_DESC**
1	Imminent Threats to Human Safety
2	Possible Threats to Human Safety
3	Marginal Threats to Human Safety
4	Remote Threats to Human Safety
5	Negligible Threat to Human Safety
6	Not Evaluated
7	Response Complete MMRP Sites
8	No RAC Code needed (IRP SITE)

REF_RANGE_STATUS Table

DESCRIPTION: The REF_RANGE_STATUS table contains codes for identifying the range status.

<u>**PRIMARY KEY:**</u>
   Primary Key Columns: **RANGE_STATUS**

REF_RANGE_STATUS Table Values	
RANGE_STATUS	**RANGE_STATUS_DESC**
1	Closed
2	Transferring
3	Transferred
4	Other

REF_REGULATORY_DRIVER Table

DESCRIPTION: The REF_REGULATORY_DRIVER table contains codes for identifying the regulatory driver.

<u>**PRIMARY KEY:**</u>
   Primary Key Columns: **REGULATORY_DRIVER_CODE**

REF_REGULATORY_DRIVER Table Values	
REGULATORY_DRIVER_ CODE	**REGULATORY_DRIVER_ DESC**
1	CERCLA
2	RCRA
3	MMR
4	Other
5	None

REF_RELATIVE_RISK Table

DESCRIPTION: The REF_RELATIVE_RISK table contains valid Relative Risk codes, corresponding Relative Risk descriptions, and Sort codes.

PRIMARY KEY:

Primary Key Column: **RRELATIVE_RISK_CODE**

Column Name	Data Type	PK/FK	Length	Description
REF_RELATIVE_RISK Table				
RRELATIVE_RISK_CODE	VARCHAR2	PK	1	This code represents a corresponding Relative Risk.
RRELATIVE_RISK_DESC	VARCHAR2		30	This field contains the Relative Risk description for each Relative Risk code.
RRELATIVE_RISK_SORT	VARCHAR2		1	This field contains a Relative Risk Sort code used for reporting purposes.
RRELATIVE_RISK_VALUE	VARCHAR2		2	This field contains a Relative Risk Value.

RRELATIVE_RISK_CODE	RRELATIVE_RISK_DESC	RRELATIVE_RISK_SORT	RRELATIVE_RISK_VALUE
REF_RELATIVE_RISK Table Values			
H	High	1	
L	Low	3	
M	Medium	2	
N	Not Evaluated	4	
R	Not Required	5	
Z	Response Complete	6	

REF_REMEDY_TYPE Table

DESCRIPTION: The REF_REMEDY_TYPE table contains valid Remedy Type codes and corresponding Remedy Type descriptions.

PRIMARY KEY:
Primary Key Column: **RREMEDY_TYPE_CODE**

REF_REMEDY_TYPE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RREMEDY_TYPE_CODE	VARCHAR2	PK	3	This field contains the Remedy Type code.
RREMEDY_TYPE_DESC	VARCHAR2		50	This field contains the corresponding Remedy Type description for each Remedy Type code.

REF_REMEDY_TYPE Table Values			
RREMEDY_TYPE_CODE	**RREMEDY_TYPE_DESC**	**RREMEDY_TYPE_CODE**	**RREMEDY_TYPE_DESC**
A0	INSTITUTIONAL CONTROLS	I0	CONTAINMENT
A1	FENCE OR OTHER SITE ACCESS CONTROL MEASURES	I1	CAPPING
B1	DRAINAGE CONTROLS	I2	SLURRY WALLS/UNDERGROUND BARRIERS
C1	ALTERNATE WATER SUPPLY/WATER SUPPLY TREATME	I3	FUGITIVE DUST COVER/CONTROL
D1	INCINERATION	J1	WASTE REMOVAL - DRUMS,TANKS,BULK CONTAINERS
E0	REMOVAL	K1	SOIL VAPOR TREATMENT
E1	WASTE REMOVAL - SOILS	L1	OTHER
F1	GROUND WATER TREATMENT	M1	IN SITU SOIL TREATMENT
F3	NATURAL ATTENUATION	M11	SOIL VAPOR EXTRACTION
F11	BIOREMEDIATION - IN SITU GROUNDWATER	M12	SOIL FLUSHING
F12	DUAL-PHASE EXTRACTION	M13	VITRIFICATION
F13	FREE PRODUCT RECOVERY	M14	THERMALLY ENHANCED SVE
F14	AIR SPARGING	M15	PNEUMATIC FRACTURING (ENHANCEMENT)
F15	HOT WATER/STEAM FLUSHING	N1	EX SITU SOIL TREATMENT
F16	PASSIVE TREATMENT WELLS	N11	SOLIDIFICATION/STABILIZATION
F17	HYDROFRACTURING (ENHANCEMENT)	N12	THERMAL DESORPTION
F18	BIOREACTORS (EX SITU)	N13	CHEMICAL REDUCTION/OXIDATION
F19	AIR STRIPPING	N14	DEHALOGENATION
F20	CARBON ADSORPTION	N15	SOIL WASHING
F21	UV OXIDATION	N16	ACID EXTRACTION
G1	LONG-TERM MONITORING	N17	SOLVENT EXTRACTION
H1	BIOREMEDIATION	N18	INCINERATION
H11	BIOVENTING	P1	ALTERNATE HABITAT
H12	BIOREMEDIATION - IN SITU	Q1	WASTE REMOVAL - LIQUIDS
H13	SLURRY-PHASE BIOREMEDIATION	R1	WASTE REMOVAL - SLUDGES
H14	CONTROLLED SOLID-PHASE BIOREMEDIATION	S1	WASTE REMOVAL - SOLIDS (NON-SOIL)
H15	LANDFARMING	ZZ	DUMMY VALUE ADDED BY NAVY
H16	COMPOSTING		

REF_RF Table

DESCRIPTION: The REF_RECEPTOR_FACTOR table contains valid Receptor Factor codes and corresponding Receptor Factor descriptions.

PRIMARY KEY:
Primary Key Columns: **RRF_CODE**

REF_RF Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RRF_CODE	VARCHAR2	PK	1	This code represents the Receptor Factor.
RRF_DESC	VARCHAR2		20	This field contains the corresponding Receptor Factor description for each Receptor Factor code.

REF_RF Table Values		
RCHF_CODE	**RCHF_DESC**	**FULL_DESCRIPTION**
1	Identified	Identified
2	Limited	Limited
3	Potential	Potential
4	Not Evaluated	Not Evaluated (NE)

REF_SERVICE Table

DESCRIPTION: The REF_SERVICE table stores valid Service codes, corresponding Service descriptions, Service abbreviations, and Sort codes.

PRIMARY KEY:
Primary Key Column: **RSERVICE_CODE**

REF_SERVICE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RSERVICE_CODE	VARCHAR2	PK	4	This code represents the Service or agency that has primary responsibility for an installation or site.
RSERVICE_DESC	VARCHAR2		50	This field contains the corresponding Service description for each Service code.
RSERVICE_ABBREV	VARCHAR2		10	This field contains the Service abbreviation.
RSERVICE_SORT	NUMBER		1	This field contains the Service Sort Order that is used for reporting purposes.

REF_SERVICE Table Values			
RSERVICE_CODE	**RSERVICE_DESC**	**RSERVICE_ABBREV**	**RSERVICE_SORT**
1700	NAVY	NAVY	2
1730	MARINE CORPS	MC	
2100	ARMY	ARMY	1
5700	AIR FORCE	AF	3
9600	U.S. ARMY CORPS OF ENGINEERS	USACOE	
9700	DEPARTMENT OF DEFENSE	DOD	
9705	NATIONAL SECURITY OFFICE	NSO	
9712	DEFENSE AUDIT SERVICE	DAS	
9714	DEFENSE THREAT REDUCTION AGENCY	DTRA	5
9715	DEFENSE LOGISTICS AGENCY	DLA	4
9716	DEFENSE MAPPING AGENCY	DMA	
9717	DEFENSE INTELLIGENCE AGENCY	DIA	
9718	DEFENSE INVESTIGATIVE SERVICE	DIS	
9721	DEFENSE COMMUNICATIONS AGENCY	DCA	
9722	DEFENSE CONTRACT AUDIT AGENCY	DCAA	
9799	FORMERLY USED DEFENSE SITES	FUDS	6
ATSD	AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	ATSDR	
DSMO	DEFENSE AND STATE MEMORANDUM OF AGREEMENT	DSMO	
DUSD	DEPUTY UNDER SECRETARY OF DEFENSE	DUSD	
OSD	OFFICE OF THE SECRETARY OF DEFENSE	OSD	

REF_SITE_CAT Table

DESCRIPTION: The REF_SITE_CAT table contains valid Site Type Categories for the REF_SITE_TYPE table.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **RSITE_TYPE_CAT_CODE**

REF_SITE_CAT Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RSITE_TYPE_CAT_CODE	VARCHAR2	PK	2	This code represents valid site type categories.
RSITE_TYPE_CAT_DESC	VARCHAR2		50	This field contains the corresponding description for each site type category.

REF_SITE_CAT Table Values	
RSITE_TYPE_CAT_CODE	**RSITE_TYPE_CAT_DESC**
A	Base Operations/Engineered Structures
B	Storage Tanks
C	Industrial Operations
D	Training Areas
E	Radioactive Areas
F	Surface Discharge Areas
G	Subsurface Disposal Area
H	Contaminated Media
Z	Other

REF_SITE_TYPE Table

DESCRIPTION: The REF_SITE_TYPE table contains valid Site Type codes, corresponding Site Type descriptions, and Sort codes.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **RSITE_TYPE_CODE**

<u>**FOREIGN KEY:**</u>
Referenced Table: **REF_SITE_CAT**
Foreign Key Columns: **RSITE_TYPE_CAT_CODE**

REF_SITE_TYPE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RSITE_TYPE_CODE	VARCHAR2	PK	2	This code represents a corresponding Site Type.
RSITE_TYPE_DESC	VARCHAR2		50	This field contains the Site Type description for each Site Type code.
RSORT_CODE	VARCHAR2		2	This field contains a Sort code used for reporting purposes.
RSITE_TYPE_CAT_CODE	VARCHAR2	FK	2	This field contains a Site Type Category Code used to reference the REF_SITE_CAT table.

REF_SITE_TYPE Table Values			
RSITE_TYPE_CODE	**RSITE_TYPE_DESC**	**RSORT_ CODE**	**RSITE_TYPE_CAT_CODE**
AB	Burn Area	4	D
AT	Fire/Crash Training Area	4	D
CB	Contaminated Buildings	1	A
CD	Contaminated Soil Piles	8	H
CF	Contaminated Fill	8	H
CG	Contaminated Ground Water	8	H
CS	Contaminated Sediments	8	H
DA	Surface Disposal Area	6	F
DB	Building Demolition/Debris Removal	1	A
DC	Chemical Disposal	7	G
DD	Drainage Ditch	6	F
DP	Disposal Pit and Dry Well	7	G

REF_SITE_TYPE Table Values			
RSITE_TYPE_CODE	**RSITE_TYPE_DESC**	**RSORT_ CODE**	**RSITE_TYPE_CAT_CODE**
DT	Dip Tank	1	A
EP	Sewage Effluent Settling Ponds	6	F
FL	Leach Field	7	G
FR	Firing Range	4	D
ID	Industrial Discharge	6	F
IN	Incinerator	1	A
L	DUMMY VALUE (ADDED BY NAVY)	9	Z
LF	Landfill	7	G
MY	Maintenance Yard	1	A
OS	Optical Shop	3	C
OW	Oil/Water Separator	1	A
PL	POL (Petroleum/Oil/Lubricants) Lines	2	B
PR	Pistol Range	4	D
PS	Pesticide Shop	3	C
RS	Surface Runoff	6	F
RW	Washrack	1	A
S	DUMMY VALUE (ADDED BY NAVY)	9	Z
SA	Storage Area	1	A
SD	Storm Drain	6	F
SI	Surface Impoundment/Lagoon	6	F
SO	Soil Contamination After Tank Removal	8	H
SP	Plating Shop	3	C
SR	Small Arms Range	4	D
SS	Spill Site Area	6	F
ST	Sewage Treatment Plant	3	C
T	DUMMY VALUE (ADDED BY NAVY)	9	Z
TA	Above Ground Storage Tank	2	B
TT	Underground Tank Farm	2	B
TU	Underground Storage Tanks	2	B
WL	Waste Lines	3	C
WM	Mixed Waste Area	5	E
WR	Radioactive Waste Area	5	E
WT	Waste Treatment Plant	3	C
X	DUMMY VALUE (ADDED BY NAVY)	9	Z
XE	Explosive Ordnance Disposal Area	4	D
XU	Unexploded Munitions and Ordnance Area	4	D
ZZ	Other	9	Z

REF_SOURCE Table

DESCRIPTION: The REF_SOURCE table contains valid Source codes and corresponding Source descriptions.

PRIMARY KEY:
Primary Key Column: **RSOURCE_CODE**

REF_SOURCE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RSOURCE_CODE	VARCHAR2	PK	4	This code represents the funding Source.
RSOURCE_DESC	VARCHAR2		50	This field contains the corresponding Source description for each Source code.

REF_SOURCE Table Values	
RSOURCE_CODE	**RSOURCE_DESC**
BRAC	Base Realignment and Closure Program
DERA	Defense Environmental Restoration Account

REF_SOIL_TYPE Table

DESCRIPTION: The REF_SOIL_TYPE table contains valid soil type descriptions.

PRIMARY KEY:
Primary Key Column: **SOIL_TYPE**

REF_SOIL_TYPE Table Values	
SOIL_TYPE	**SOIL_TYPE_DESC**
01	Sand/Gravel-sand
02	Sand-silt/Sand-clay
03	Silt/Silt-clay
04	Clay-sand/Clay-silt
05	Gravel/Gravel-sand
06	Clay/Sand with stone
07	Rock
08	Water
09	Other
10	Unknown

REF_STATE Table

DESCRIPTION: The REF_STATE table stores valid two character state codes and corresponding full state names. Two character EPA region codes are also stored in this table.

<u>**PRIMARY KEY:**</u>
Primary Key Column: **RSTATE_CODE**

REF_STATE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RSTATE_CODE	VARCHAR2	PK	2	The abbreviation of the state or territory where the installation is located.
RSTATE_NAME	VARCHAR2		20	This field contains the full name of the state or territory where the installation is located.
RREGION_CODE	VARCHAR2		2	This code represents the EPA region where the installation is located.
RSTATE_NMBR	VARCHAR2		2	This is a numeric abbreviation of the state or territory.

REF_STATE Table Values							
RSTATE_CODE	**RSTATE_NAME**	**RREGION_CODE**	**RSTATE_NMBR**	**RSTATE_CODE**	**RSTATE_NAME**	**RREGION_CODE**	**RSTATE_NMBR**
AK	Alaska	10	01	MT	Montana	08	30
AL	Alabama	04	02	NC	North Carolina	04	37
AR	Arkansas	06	60	ND	North Dakota	08	38
AS	American Samoa	09	04	NE	Nebraska	07	31
AZ	Arizona	09	05	NH	New Hampshire	01	33
CA	California	09	06	NJ	New Jersey	02	34
CN	Mariana Islands	09	69	NM	New Mexico	06	35
CO	Colorado	08	08	NN	Navajo Nation		
CT	Connecticut	01	09	NV	Nevada	09	32
DC	District of Columbia	03	11	NY	New York	02	36
DE	Delaware	03	10	OH	Ohio	05	39
FL	Florida	04	12	OK	Oklahoma	06	40
GA	Georgia	04	13	OR	Oregon	10	41
GM	Guam	09	66	PA	Pennsylvania	03	42
GQ	Guam	09	66	PI	Pacific Islands	09	
GU	Guam	09	66	PR	Puerto Rico	02	72
HI	Hawaii	09	15	PS	Palau	09	70
IA	Iowa	07	19	PT	Palau	09	70
ID	Idaho	10	16	RI	Rhode Island	01	44
IL	Illinois	05	17	SC	South Carolina	04	45
IN	Indiana	05	18	SD	South Dakota	08	46
JQ	Johnston Atoll	09	74	TN	Tennessee	04	47
KS	Kansas	07	20	TT	Trust Territ.	09	
KY	Kentucky	04	21	TX	Texas	06	48
LA	Louisiana	06	22	UT	Utah	08	49
MA	Massachusetts	01	25	VA	Virginia	03	51
MD	Maryland	03	24	VI	Virgin Islands	02	78
ME	Maine	01	23	VR	Various States		
MH	Majuro	09		VT	Vermont	01	50
MI	Michigan	05	26	WA	Washington	10	53
MN	Minnesota	05	27	WI	Wisconsin	05	55
MO	Missouri	07	29	WQ	Wake Island	09	74
MQ	Midway	09	74	WV	West Virginia	03	54
MS	Mississippi	04	28	WY	Wyoming	08	56

REF_TOPOGRAPHY Table

DESCRIPTION: The REF_TOPOGRAPHY table contains valid topography type descriptions.

PRIMARY KEY:
Primary Key Column: **TOPOGRAPHY**

REF_TOPOGRAPHY Table Values	
TOPOGRAPHY	**TOPOGRAPHY_DESC**
01	Flat
02	Flat with gorges or gullies
03	Gently rolling
04	Heavily rolling
05	Mountainous
06	Rolling with gorges or gullies
07	Water
08	Other
09	Unknown

REF_VEGETATION Table

DESCRIPTION: The REF_VEGETATION table contains valid vegetation type descriptions.

PRIMARY KEY:
Primary Key Column: **VEGETATION**

REF_VEGETATION Table Values	
VEGETATION	**VEGETATION_DESC**
01	Barren or low grass
02	Heavy grass and many shrubs
03	Heavy shrubs and tress
04	Low grass and few shrubs
05	Shrubs and some trees
06	Heavily wooded
07	Water
08	Other
09	Unknown

BCP Abstract Tables

BCP_INSTALLATION Table

DESCRIPTION: The BCP_INSTALLATION table contains the majority of the BCP Abstract information, including acreage and all relevant dates regarding the BCP abstract. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the INSTALLATION table in order for a record to be added to this table. The Installation Name and Location fields will be as stored in the INSTALLATION table and data from the BCP abstract will only update the installation name and location fields in the INSTALLATION table where no data exists.

*Note. The BCP Fld in the BCP_INSTALLATION table description is not part of the BCP_INSTALLATION table design. This column is for easy reference to the BCP Abstract format and the number corresponds to the field number in the abstract template. (See BCP Abstract template.)

PRIMARY KEY:
Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:
Referenced Table: **INSTALLATION**
    Foreign Key Columns: **FFID**
Referenced Table: **REF_BRAC_ROUND**
    Foreign Key Columns: **RBRAC_ROUND**
Referenced Table: **REF_BRAC_TYPE**
    Foreign Key Columns: **RBRAC_TYPE, RBRAC_TYPE2**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_REUSE_STATUS**
    Foreign Key Columns: **REUSE_STATUS**
Referenced Table: **REF_SOURCE**
    Foreign Key Columns: **RSOURCE_CODE**

BCP_INSTALLATION Table						
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**	**BCP Fld***
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. (see INSTALLATION table)	2
LOCATION	VARCHAR2		30	Component	Provide the nearest city and state to which the installation is located.	3
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)	
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.	
PREPARED_DATE	NUMBER		6	Component	Date the abstract was prepared (YYYYMM).	4
RBRAC_ROUND	VARCHAR2	FK	4	Component	BRAC round as indicated in the installation table.	5
RBRAC_TYPE	VARCHAR2	FK	1	Component	Type of BRAC activity at installation.	6
RBRAC_ROUND2	VARCHAR2		4	Component	2nd BRAC round as indicated in the installation table. (REQUIRED for installations which are part of second BRAC ROUND)	5
RBRAC_TYPE2	VARCHAR2	FK	1	Component	Type of 2nd BRAC activity at installation. (REQUIRED for installations where BRAC action directed in a later BRAC ROUND)	6
CLOSURE_DATE	NUMBER		6	Component	Provide the year and month (YYYYMM) that the final closure or realignment mission was scheduled to cease or that the final mission actually ceased on the property	7
KCLOSURE_ACTION	VARCHAR2		6	Component	Indicate whether the closure date is schedule (S) or actual (A).	8
TOTAL_ACRES_QUANTITY	NUMBER		10,2	Component	Total acres on the installations real property records prior to BRAC action.	9
ACRES_RETAINED	NUMBER		10,2	Component	Total number of acres that will be retained by the component after closure or realignment.	10
ACRES_TRANS_OTH_SERVICE	NUMBER		10,2	Component	Total number of acres that have been or will be transferred to another DoD component.	11
ACRES_PLAN_FED	NUMBER		10,2	Component	Total number of acres that have been or will be transferred to other federal entities.	12

BCP_INSTALLATION Table						
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**	**BCP Fld***
ACRES_PLAN_NON_FED	NUMBER		10,2	Component	Total number of acres that have been or will be transferred to non-federal facilities.	13
EBS_SUBMITTED_DATE	NUMBER		6	Component	Year and month the base-wide Environmental Baseline Survey (EBS) was completed and CERFA concurrence submitted to regulatory agencies.	14
CERFA_PROPOSED_ACRES	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that DoD proposed to regulatory agencies to be classified as CERFA uncontaminated.	15
CERFA_CONCUR_ACRES	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD for which EPA or state regulatory concurrence on CERFA-uncontaminated parcel determination was received by the end of the 18th month concurrence deadline.	16
CERFA_CONCUR_DATE	NUMBER		6	Component	Year and month, which the regulatory agencies concur with the CERFA concurrence (YYYYMM).	17
CUMUL_CERFA_CONCUR	NUMBER		10,2	Component	Indicate the number and latest date of cumulative CERFA concurrence acres including concurrence received after the 18-month deadline.	18
BCT_FORM_ADJ_DATE	NUMBER		6	Component	Provide the year and month (YYYYMM) of the appropriate BCT action.	19
BCT_FORM_AD_ACTION	VARCHAR2		1	Component	Indicate whether the date provided is Not Required (N), Formed (F), Adjourned (A), or Planned Adjournment (P).	20
BCP_VERSN1_DATE	NUMBER		6	Component	The month and year (YYYYMM) in which the first version of the BRAC Cleanup Plan (BCP) was completed; or, if the BCP is required but not yet completed, indicates the month and year the BCP is estimated to be completed.	21
BCP_CURR_VER_DATE	NUMBER		6	Component	The month and year (YYYYMM) in which the current version of the BRAC Cleanup Plan (BCP) was completed.	22
CLOSEOUT_BCP _DATE	NUMBER		6	Component	Provide the year and month (YYYYMM) of the final BCP.	23
RAB_FORM_ADJ_DATE	NUMBER		6	Component	Date RAB was formed, adjourned, or planned adjourned.	24
RAB_FORM_ADJ_ACTION	VARCHAR2		1	Component	Indicate whether the date provided is formed (F), adjourned (A), planned adjournment (P), not required (N).	25
FOSLS_ACRE_FED	NUMBER		10,2	Component	Indicates the total number of acres leased to federal entities by end of FY.	26
FOSLS_ACRE_NON_FED	NUMBER		10,2	Component	Indicates the total number of acres leased to non-federal entities by end of FY.	27
FOSTS_ACRE_FED	NUMBER		10,2	Component	The total number of acres transferred to federal agencies by end of FY	28
FOSTS_ACRE_NON_FED	NUMBER		10,2	Component	The total number of acres transferred to non-federal entities by end of FY.	29
CAT1_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 1 of the environmental condition of property.	30.a
CAT2_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 2 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.b
CAT3_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 3 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.c
CAT4_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 4 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.d
CAT5_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 5 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.e
CAT6_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 6 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.f
CAT7_ACRE_QTY	NUMBER		10,2	Component	Total number of acres to be transferred out of DoD that classified as Category 7 of the environmental condition of property, based on updated definitions in the FY02 BCP Abstract Instructions.	30.g

BCP_INSTALLATION Table						
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**	**BCP Fld***
MMR_CONT_CAT1_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT1_ACRE_QTY, provide total number of acres with MMR contamination.	31a
MMR_CONT_CAT2_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT2_ACRE_QTY, provide total number of acres with MMR contamination.	31b
MMR_CONT_CAT3_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT3_ACRE_QTY, provide total number of acres with MMR contamination.	31c
MMR_CONT_CAT4_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT4_ACRE_QTY, provide total number of acres with MMR contamination.	31d
MMR_CONT_CAT5_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT5_ACRE_QTY, provide total number of acres with MMR contamination.	31e
MMR_CONT_CAT6_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT6_ACRE_QTY, provide total number of acres with MMR contamination.	31f
MMR_CONT_CAT7_ACRE	NUMBER		10,2	Component	Of the total number of acres reported in CAT7_ACRE_QTY, provide total number of acres with MMR contamination.	31g
MMR_ACRES_REQ_RESP	NUMBER		10,2	Component	Total number of acres that require, or may require, a response under the Military Munitions Response Program (MMRP) category.	32a
MMR_ACRES_COMP	NUMBER		10,2	Component	Total number of acres where a munitions response was required and completed under the Military Munitions Response Program (MMRP) category.	32b
POL_ACRES	NUMBER		10,2	Component	Total number of acres associated with Petroleum, Oils, and Lubricants.	33
NCR_ACRES	NUMBER		10,2	Component	Total number of acres associated with natural or cultural resources.	34
ENV_SUIT_QTY	NUMBER		10,2	Component	Total number of acres environmentally suitable for transfer; equaling CATS 1-4 (or less as specified by BCT)	35
TOTAL_ELIGIBLE_QTY	NUMBER		10,2	Derived	Total number of acres eligible for disposal.	36
LRA_NAME	VARCHAR2		30	Component	The name of the redevelopment organization.	38
REUSE_STATUS	VARCHAR2	FK	1	Component	The status of the reuse plan.	39
REUSE_PLAN_DATE	NUMBER		6	Component	The date the reuse status listed in REUSE_STATUS (YYYYMM).	40
EA_EIS_DATE	NUMBER		6	Component	The date of installation-wide disposal and reuse EA/EIS (YYYYMM).	41
PROJ_ACTUAL_EIS_EA_DATE	VARCHAR2		1	Component	Indicate whether the date provided is projected (P) or actual (A)	42
NEPA_ACTION	VARCHAR2		4	Component	Indicate the type of NEPA action by EA or EIS	43
FINAL_TRANSFER_DATE	NUMBER		6	Component	The date in which the last parcel was/will be transferred or deeded (YYYYMM).	44
PROJ_ACTUAL_TRANSFER	VARCHAR2		1	Component	Indicate whether the date provided is projected (P) or actual (A).	45
FOSTS_COMP	NUMBER		6	Component	Number of FOSTS completed to end of FY, resulting in actual property transfer.	46.a
FOSTS_COMP_ACRES	NUMBER		6	Component	Total number of FOST acres associated with number of FOSTs reported in FOSTS_COMP.	46.b
FOST_NFY	NUMBER		6	Component	Number of FOSTS projected in the next fiscal year.	46.c
FOSTS_NFY_ACRES	NUMBER		6	Component	Total number of FOST acres projected in the next fiscal year.	46.d
FOSLS_COMP	NUMBER		6	Component	Number of FOSLS completed to end of FY, resulting in actual property lease.	46.e
FOSLS_COMP_ACRES	NUMBER		6	Component	Total number of FOSL acres associated with number of FOSLs reported in FOSLS_COMP.	46.f
FOSL_NFY	NUMBER		6	Component	Number of FOSLS projected in the next fiscal year.	46.g
FOSLS_NFY_ACRES	NUMBER		6	Component	Total number of FOSL acres projected in the next fiscal year.	46.h
FOSETS_COMP	NUMBER		6	Component	Number of FOSETS completed to end of FY, resulting in actual property transfer.	46.i
FOSET_COMP_ACRES	NUMBER		6	Component	Total number of FOSET acres associated with number of FOSTs reported in FOSETS_COMP.	46.j
FOSETS_NFY	NUMBER		6	Component	Total number of FOSET projected in the next fiscal year.	46.k
FOSETS_NFY_ACRES	NUMBER		6	Component	Total number of FOSET acres projected in the next fiscal year.	46.l
RIPRC_SITE	VARCHAR2		50	Derived	Site id associated with the final RIPRC taken from the SITE table.	48.a

BCP_INSTALLATION Table						
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**	**BCP Fld***
RIPRC_DATE	NUMBER		6	Derived	Final RIPRC date taken from the INSTALLATION table (YYYYMM).	48.b
LTM_SITE	VARCHAR2		50	Derived	The site id of the last actual site at the installation where long-term monitoring will occur.	49.a
LTM_DATE	NUMBER		6	Derived	The actual or estimated date (YYYYMM) when LTM will end at the installation. (From the CLEANUP_PHASEA table)	49.b
MULTI_FT	VARCHAR2		1	Derived	A flag, which indicates if the fast track narrative contains data for multiple initiatives.	
DODBEC	VARCHAR2		25	Component	Name of the DODBEC reviewer.	53.a
DODBEC_FLAG	VARCHAR2		1	Component	Indicates whether the DODBEC reviewer performed the review.	53.b
EPA_BCT	VARCHAR2		25	Component	Name of the EPA BCT reviewer.	53.c
EPA_BCT_FLAG	VARCHAR2		1	Component	Indicates whether the EPA BCT reviewer performed the review.	53.d
STATE_BCT	VARCHAR2		25	Component	Name of the state BCT reviewer.	53.e
STATE_BCT_FLAG	VARCHAR2		1	Component	Indicates whether the state BCT reviewer performed the review.	53.f
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.	
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.	

BCP_BUDGET Table

DESCRIPTION: The BCP_BUDGET table contains the total amount of money budgeted for each installation according to the BRAC Cleanup Plan. Budget data is grouped by activity. If the FFID, RSERVICE_CODE, and RSOURCE_CODE are not defined in the BCP_INSTALLATION table, records cannot be added to this table.

PRIMARY KEY:
Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RACT_CODE**

FOREIGN KEY:
Referenced Table: **BCP_INSTALLATION**
Foreign Key Columns: **FFID**
Referenced Table: **BCP_INSTALLATION**
Foreign Key Columns: **RSERVICE_CODE**

BCP_BUDGET Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	The Federal Facility Identification (FFID) number.
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_Source table)
RACT_CODE	VARCHAR2	PK	11	Component	Code identifying the activity type to which the $'s correspond. (Restoration - R, Compliance - C, Planning - P, Administration – A)
FY04EXE	NUMBER		10	Component	Dollars budgeted for fiscal year 2004.
FY05	NUMBER		10	Component	Dollars budgeted for fiscal year 2005.
FY06	NUMBER		10	Component	Dollars budgeted for fiscal year 2006.
FY07	NUMBER		10	Component	Dollars budgeted for fiscal year 2007.
FY08	NUMBER		10	Component	Dollars budgeted for fiscal year 2008.
FY09	NUMBER		10	Component	Dollars budgeted for fiscal year 2009.
FY10	NUMBER		10	Component	Dollars budgeted for fiscal year 2010.
FY11	NUMBER		10	Component	Dollars budgeted for fiscal year 2011.
FY12COMP	NUMBER		10	Component	Dollars budgeted for fiscal years 2012 to complete.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

BCP_NARRATIVE Table

DESCRIPTION: The BCP_NARRATIVE table contains large text columns describing installation problem areas, significant issues, insights, lessons, and successes. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the BCP_INSTALLATION table before they can be added to this table.

PRIMARY KEY:
Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RBCP_TYPE**

FOREIGN KEY:
Referenced Table: **BCP_INSTALLATION**
Foreign Key Columns: **FFID**
Referenced Table: **REF_BCP_TYPE**
Foreign Key Columns: **RBCP_TYPE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**

BCP_NARRATIVE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	Component	Federal Facility Identification (FFID) number. This *must* be defined in the SITE table. (see INSTALLATION table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Component	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Component	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
RBCP_TYPE	VARCHAR2	PK/FK	2	Component	The section of the BCP summary. (Restoration, Compliance, etc.)
NARRATIVE	VARCHAR2		2000	Component	The narrative text associated with the section of the BCP summary.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated in RMIS. System Generated.

BCP_SUB_NARRATIVE Table

DESCRIPTION: The BCP_SUB_NARRATIVE table contains text columns describing the sub sections of each of the summary areas of the BCP Abstract. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the BCP_INSTALLATION table, and the RBCP_TYPE *must* exist in the BCP_NARRATIVE table before records can be added to this table.

<u>**PRIMARY KEY:**</u>
Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RBCP_TYPE, RBCP_SUB_TYPE, BCP_SUB_NARR_SEQ_ID**

<u>**FOREIGN KEY:**</u>
Referenced Table: **BCP_INSTALLATION**
    Foreign Key Columns: **FFID**
Referenced Table: **REF_BCP_TYPE**
    Foreign Key Columns: **RBCP_TYPE**
Referenced Table: **REF_BCP_SUB_TYPE**
    Foreign Key Columns: **RBCP_SUB_TYPE**
Referenced Table: **REF_SERVICE**
    Foreign Key Columns: **RSERVICE_CODE**

BCP_SUB_NARRATIVE Table					
Column Name	**Data Type**	**PK/FK**	**Length**	**Input**	**Description**
FFID	VARCHAR2	PK/FK	14	**Component**	Federal Facility Identification (FFID) number. This *must* be defined in the SITE table. (See INSTALLATION table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	**Component**	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	**Component**	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
RBCP_TYPE	VARCHAR2	PK/FK	2	**Component**	The section of the BCP summary. (Restoration, Compliance, etc.)
RBCP_SUB_TYPE	VARCHAR2	PK/FK	2	**Component**	The sub-section of the summary (Radiological Survey, etc.)
NARRATIVE	VARCHAR2		1000	**Component**	The narrative text associated with the section of the BCP summary.
CREATED_DATE	DATE		9	**System**	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	**System**	The date the record was last updated in RMIS. System Generated.
BCP_SUB_NARR_SEQ_ID	NUMBER	PK	5	**System**	A sequence number used to tie more than one record together to accommodate narrative text longer than 1000 characters.

BCP Abstract Reference Tables

REF_ACT_CODE Table

DESCRIPTION: The REF_ACT_CODE table stores valid BCP budget Activity codes identifying each budget activity of the BCP Abstract Installation Budget section. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:
  Primary Key Column: **RACT_CODE**

REF_ACT_CODE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RACT_CODE	VARCHAR2	PK	1	This code represents a corresponding BCP budget activity.
RACT_NAME	VARCHAR2		30	The name of the BCP budget activity code.
RACT_DESC	VARCHAR2		500	The description of the budget activity code

REF_ACT_CODE Table Values		
RACT_CODE	**RACT_NAME**	**RACT_DESC**
A	Administration	Funding and cost requirements related for program administration costs such program management, travel, training, and other support requirements (to include support from other agencies. RAB cost also should be included.
C	Compliance	Funding and cost requirements related to closure activities; generally related to projects associated with facilities and building requiring cleanup or abatement, i.e. closure of hazardous waste treatment, storage, and disposal facilities; conduct or radon surveys; abatement of asbestos and lead-based paints; UXO/OE clearance; and removal of underground storage tanks necessary to support transfer of property.
P	Planning	Funding and cost requirements related to NEPA analysis or development of an Environmental Assessment/Environmental Impact Statement; develop of a BRAC Cleanup Plan or Environmental Baseline Survey for the installation; and Findings of Suitability to Transfer and Findings of Suitability to Lease as applicable to specific parcels of real property.
R	Restoration	Funding and cost requirements related to restoration activities at BRAC installation are the same as those defined in the Defense Environmental Restoration Program (DERP). Note: Building demolition/debris removal (BD/DR) and UXO/OE clearance are not eligible expense.
U	UXO	Funding and cost requirements related to unexploded ordinance.

REF_BCP_TYPE Table

DESCRIPTION: The REF_BCP_TYPE table stores valid BCP narrative type codes identifying each summary area of the BCP Abstract narratives. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:
  Primary Key Column: **RBCP_TYPE**

REF_BCP_TYPE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RBCP_TYPE	VARCHAR2	PK	2	This code represents a corresponding BCP summary type.
RBCP_DESC	VARCHAR2		30	The description of the summary area within the BCP Abstract narratives.
RBCP_TYPE_SORT	NUMBER		2	Number used to put table values in logical sequence rather than alphabetical order.

REF_BCP_TYPE Table Values		
RBCP_TYPE	**RBCP_DESC**	**RBCP_TYPE_SORT**
CN	Conservation Program	3
CP	Compliance Program	2
ETA	Early Transfer Authority	5
FT	Fast-Track Cleanup Summary	4
RS	Restoration Program	1

REF_BCP_SUB_TYPE Table

DESCRIPTION: The REF_BCP_SUB_TYPE table stores valid BCP narrative subtype codes identifying areas within each summary area of the BCP Abstract narratives (i.e. Restoration. Compliance, Conservation, or Fast Track) These codes were generated for internal use and have no relevance outside the realm of the RMIS database. NOTE: the specific codes and description will be added to this table as new data is received.

PRIMARY KEY:
   Primary Key Columns: **RBCP_SUB_TYPE**

REF_BCP_SUB_TYPE Table				
Column Name	**Data Type**	**PK/FK**	**Length**	**Description**
RBCP_SUB_TYPE	VARCHAR2	PK	3	This 1-3 character code represents the narrative
RBCP_SUB_TYPE_DESC	VARCHAR2		30	The description for the BCP sub-type code.
RBCP_SUB_TYPE_SORT	NUMBER		1	Number used to put table values in logical sequence rather than alphabetical order.

REF_BCP_SUB_TYPE Table Values		
RBCP_SUB_TYPE	**RBCP_SUB_TYPE_DESC**	**RBCP_SUB_TYPE_SORT**
AIR	Air program	7
AOC	Areas of Concern	
ASB	Asbestos	1
AST	Aboveground Storage Tanks	
H20	Water or waster program	8
HWM	HW Mgnt	
LBP	Lead-based Paints	2
OTH	Other	11
PCB	Polychlorinated biphenyls	4
PMT	Permits	9
RAD	Radon	3
RAS	Radiological Survey	
RCR	RCRA compliance	6
UST	Underground Storage Tanks	5
UXO	Unexploded ordnance/Ordnance or explosives (UXO/OE)	10

REF_REUSE_STATUS Table

DESCRIPTION: The REF_REUSE_STATUS table stores valid codes identifying each of the status of the LRA redevelopment plan. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:
Primary Key Column: **RREUSE_STATUS_CODE**

<table>
<tr><th colspan="5">REF_REUSE_STATUS Table</th></tr>
<tr><th>Column Name</th><th>Data Type</th><th>PK/FK</th><th>Length</th><th>Description</th></tr>
<tr><td>**RREUSE_STATUS_CODE**</td><td>VARCHAR2</td><td>PK</td><td>1</td><td>The code that represents a corresponding BCP status of the redevelopment plan explanation.</td></tr>
<tr><td>**RREUSE_STATUS_DESC**</td><td>VARCHAR2</td><td></td><td>110</td><td>The description of the BCP status of the redevelopment plan code.</td></tr>
</table>

<table>
<tr><th colspan="2">REF_REUSE_STATUS Table Values</th></tr>
<tr><th>RREUSE_STATUS_CODE</th><th>RREUSE_STATUS_DESC</th></tr>
<tr><td>1</td><td>Redevelopment plan not needed</td></tr>
<tr><td>2</td><td>No interest in writing a redevelopment plan</td></tr>
<tr><td>3</td><td>Preliminary interest identified by LRA. Redevelopment plan to be or is being drafted</td></tr>
<tr><td>4</td><td>Draft redevelopment plan completed</td></tr>
<tr><td>5</td><td>LRA has adopted redevelopment plan</td></tr>
<tr><td>6</td><td>The U.S. Department of Housing and Urban Development (HUD) has concurred with the final redevelopment plan</td></tr>
</table>